

# Technical Reference

## Operator Integration Document

This document provides the technical details required to integrate an Operator platform with the SecureTrading Inc platform.

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## About this Document

This document provides a detailed description of the process involved in integrating an Operator platform with the SecureTrading application. It describes each of the requests and success or error responses that might be returned by the system during the integration process.

## Conventions

### Note on bulleting conventions

There are two forms of bulleting conventions included within this document.

- Notes with useful but not mandatory information are indicated with the following cog.



**Please note .....**

- Notes that are requirements and need to be followed are indicated with an exclamation mark and are outlined in italics.



***It is imperative that .....***

## HTTPS Requests

The SecureTrading application accepts HTTPS POST requests from the Operator platform. The HTTPS POST requests will have the following requirement:

Request Type	Request Method	Request Body	Request Header
HTTPS	POST	JSON String	Content-type: text/plain; charset=UTF-8

In addition to the HTTPS JSON POST requests, wherever SecureTrading host screens, URLs are provided to which the Operator should redirect the Player where required. These requests are performed using HTTPS GET requests as shown below:

Request Type	Request Method
HTTPS	GET

## Explanations on the parameter tables

Each parameter of the HTTPS requests and responses is described in the document within the field definition table. The purpose of the table is to outline each of the parameters in detail, including the data type, field length (if applicable), whether or not the parameter value is mandatory as well as any relevant comments.

The table lists Field Name, Data Type, Field Length, Mandatory Field, and Comment as shown below:

Field Name	Data Type	Field Length	Mandatory Field	Comment

#### Field Name

Name of the parameter field element.

#### Data Type

The data type of the element can be one of the following:

- Alphanumeric
- Alphabetic
- Numeric
- Date
- Time
- DateTime
- Boolean

#### Field Length

The field length defines the maximum number of characters allowed for that element.

#### Mandatory Field

Is the field mandatory or not.

- **Y** = Yes. The element and the value have to be included.
- **N** = No. The element can be entered without a value or the element and the value can be skipped.

#### Comment

The information included in the comment field will be additional information relating to the field. Providing the reader with a clearer understanding of what should be included. In addition if a field needs to be submitted in a specific format, then this information is included here.

### Explanation on the return messages

For every request received by SecureTrading from the Operator platform, a success or a failure response is sent to the Operator platform. The response message will always include a **returnCode**, a corresponding **returnMsg** and a **stTimeStamp** indicating the time of the response from SecureTrading, which is used for support purposes. In addition to the standard return fields, other fields are returned as part where appropriate and these are described throughout the document. For example, if the Operator submits a request to retrieve player details, then the response message will include the **returnCode**, **returnMsg**, **stTimeStamp**, and additional fields containing the relevant player information.

Wherever requests to the SecureTrading application result in a record being created or updated (such as Player Registration, Card Registration, etc.) a **recordStatus** field will be

returned in the response. The **recordStatus** field will return either 'Created', 'Not Created', 'Updated' or 'Failed' or depending on the outcome of the request.

This field is used to inform the Operator whether a record has been created or updated in the system even in the event of an error response being returned. One such example is Player Registration where an error could be returned informing the Operator that the Player failed the knowledge based authentication failure, but that despite the failure the player details were still created in the SecureTrading application.

The table below describes the field definition for **returnCode**, **returnMsg**, **stTimeStamp** and **recordStatus**.

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Updated', or 'Failed' in the SecureTrading application even if an error response is returned to the Operator.



The Return Codes and Return Messages are used to establish communication between SecureTrading and the Operator and should not be displayed to the player.

## Explanation on Response and Request Tokens

In order to perform certain operations in the SecureTrading application, a series of associated requests need to be submitted by the Operator platform in a specific sequence of steps. In order to associate the related requests that form part of the overall operation, the SecureTrading application uses unique response and request tokens.

When the SecureTrading application returns a unique **responseToken** as part of a response the Operator platform should store the response token and submit it as a **requestToken** in the subsequent request steps required to perform that operation.

For example:

- **Step 1** – The Operator platform submits a service request to SecureTrading, complete with the required authentication details.
- **Step 2** – The SecureTrading application authenticates the Operator platform and returns **responseToken [A]** to the Operator platform.
- **Step 3** – The Operator platform submits the second request in the sequence and includes **responseToken [A]** as the **requestToken** to SecureTrading.

- **Step 4** – The SecureTrading application performs a lookup on **requestToken** [A] to ensure that it is associated with the Operator and the type of service request and performs the required action.

## Appendix

Tables describing the types of **returnCode** and the corresponding **returnMsg** for all Success and Error Responses are listed in the Appendix section of the document.

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## 1 Introduction

The SecureTrading application has been designed as a modular system. The various modules are:

- **Player Registration**
- **Player Validation**
- **Player Modification**
- **Card Management**
- **Account Management**
- **Transactions**
- **Admin**
- **Tax**
- **Reports**

Operators can integrate with the above modules using one of the following three methods (or combinations thereof):

- **Hosted** – SecureTrading hosts the entire player registration, validation, card management, account management and payment process using web-based interfaces rather than the Operator having to do so. When required, the Operator would redirect the player to the SecureTrading application where the player would then input the required data into the system. After the details are validated and processed the Player is redirected back to the Operator platform from where the Operator is able to retrieve the information captured by the SecureTrading application during each process (with the exception of the card registration and account registration process due to PCI compliance reasons).

In a Hosted setup, the Operator platform and the SecureTrading application communicate with each other using a combination of JSON Requests and Responses as well as URL redirection. As part of the pre-requisites to the integration, the Operator would need to provide SecureTrading with the various redirect URLs so that SecureTrading can forward the player back to the Operator platform at the required points in the process (see [Pre-requisites](#) section below).

- **API** – The Operator platform provides web-based interfaces for the player to input data. When the Operator requires integration to the SecureTrading application to fulfil a service request the relevant data would be submitted to the SecureTrading API by the Operator platform.

In an API setup, the Operator platform and the SecureTrading application communicate with each other using JSON Requests and Responses.

- **Part Hosted** – In a Part Hosted setup certain web-based interfaces would be hosted by the Operator platform and others would be hosted by SecureTrading.

The following modules are hosted by SecureTrading web-based interfaces:

- Card Registration
- Card Details
- Card Modification
- Account Registration
- Account Details and Deletion



In a Part Hosted setup, the Operator platform and the SecureTrading application communicate with each other using JSON Requests and predefined redirected URLs that are provided by the Operator.

The various modules available can be combined in different ways to form a workflow. There are four workflows within the SecureTrading application, namely:

- **Workflow1** – The Operator integration is performed using the Hosted and API options. The modules included in Workflow1 are as follows:
  - Hosted Player Registration
  - Hosted Player Validation
  - Hosted Player Modification
  - Hosted Card Management
  - Hosted Account Management
  - Hosted Deposit and Withdrawal Transactions
  - API Refund and Reversal Transactions
  - Tax
  - Reports
  - Admin Modules
- **Workflow2** – The Operator integration is performed using the API and Part Hosted options. The modules included in Workflow2 are as follows:
  - API Non Registered Player Validation
  - Part Hosted Card Management
  - Part Hosted Account Management
  - Part Hosted Deposit and Withdrawal Transactions
  - API Refund and Reversal Transactions
  - Tax
  - Reports
  - Admin Modules
- **Workflow3** – The Operator integration is performed using only API requests. The modules included in Workflow3 are as follows:
  - API Deposit, Withdrawal, Refund, and Reversal Transactions
  - Tax
  - Reports
  - Admin Modules
- **Workflow4** – The Operator integration will include API Registration and Admin modules, as well as individual Player Registration. This workflow allows bulk registration of players by means of a player registration file which the Operator can submit to SecureTrading. The modules included in Workflow 4 are as follows:
  - API Player Registration
  - API Player Modification
  - Reports
  - Admin Modules
- **Workflow5** – The Operator integration is performed using API requests. The modules included in Workflow5 are as follows:
  - API Player Registration
  - API Player Validation
  - API Player Modification

- API Card Management
- API Account Management
- API Deposit and Withdrawal Transactions
- API Refund and Reversal Transactions
- Tax
- Reports
- Admin Modules

Operator Integration can be performed using any of the above workflows. This document describes Workflow 1 of the Operator integration process.

## 1.1 Pre-requisites

The following pre-requisites are required before integrating with the SecureTrading application.

### 1.1.1 Operator and Site Identification

In order to integrate with the SecureTrading application, an Operator and any associated Operator sites have to be registered in the SecureTrading application by a SecureTrading Administrator. On successful Operator and Site registration, the following credentials are sent via email to the Operator:

- **Operator ID**- Unique 3 digit identification code assigned to the Operator by SecureTrading.
- **Site ID**-Unique 3 digit identification code assigned to the Operator site by SecureTrading.
- **Site Password**- Password assigned to the Operator site by SecureTrading.
- **Site Username**- The username assigned to the Operator site by SecureTrading.

In order for SecureTrading to authenticate the Operator and the Operator Site, the above details are required in every request submitted to the SecureTrading application. This is discussed in more detail throughout the document.

### 1.1.2 Redirect URLs

As described above, whenever a Player is redirected by the Operator platform to the SecureTrading application the system would need to know the URLs to which the player should be redirected in both success and failure scenarios. The success and failure URLs required during the Operator setup process for this workflow are:

Call	Success URL	Failure URL
Player Registration	Yes	Yes
Player Validation	Yes	Yes
Player Modification	Yes	Yes
Card Registration	Yes	Yes
Card Modification	Yes	Yes
Account Registration	Yes	Yes
Deposit	Yes	Yes

## 2 Registration (Hosted)

The Player Registration process allows the Operator to register new Players in the SecureTrading application.

### 2.1 Overview

A Hosted Player Registration is performed in the following sequence:

- **Validate the Operator Platform**– The Operator submits the required authentication details and Geo Comply encrypted packet (if the operator has selected API option for Geo Comply check while setting up) to the SecureTrading application. The Site and Workflow details are validated using the details stored in the SecureTrading application and a **responseToken** is returned as a success response.
- **Player Redirection and Pre-Registration Checks** – The Operator redirects the Player to the SecureTrading application, passing in the **responseToken** from [Step 1](#) as the **requestToken** parameter that forms part of the redirect URL query string parameters. The SecureTrading application validates the request details and performs a GEO-IP check and Geo Comply check against the Player to ensure that they are accessing the site from a permitted jurisdiction before displaying the Hosted Player Registration screen.
- **Player Registration Details** - The Player enters the details in the Player Registration screen and upon submission, the player registration details are validated by the SecureTrading application and if the Operator has selected **EID COMPARE** in the Operator Setup then the SecureTrading application validates the player details and performs a KYC check and KBA check internally against the player details to ensure that the player details are valid and a **responseToken** is returned to the Operator platform.
- **Personal Details Verification (Optional)** – If the Operator has selected the **EID VERIFY** option in the Operator Setup. Then the player will be shown the Player details verification screen hosted by Securetrading. The Player enters the required details and submits it. Then the SecureTrading application validates the player verification details and performs a KYC check and KBA check against the player and a **responseToken** is returned to the Operator platform with success or failure return code.
- **Retrieve Player Registration Details** – The Operator submits a request to the SecureTrading application to retrieve the player details, passing in the **responseToken** from [Step 4](#) and the SecureTrading application returns the relevant player details to the Operator platform.
- **Update userName for Suspended Player** – If the player username is not submitted during the registration process, the player status is set to suspended. The Operator can then submit the player details to update the player username and update the Player to active status.

### 2.2 Steps Involved

Player registration is performed in the steps outlined below.

#### 2.2.1 Step 1 - Validate the Operator Platform

##### Description

In order to register a Player the Operator must first authenticate with the SecureTrading application.

On receipt of the request the SecureTrading application validates the Operator site and Workflow and Geo Comply (API) details using the details stored in the SecureTrading application and a **responseToken** is returned to the Operator as a success response. This check is performed to ensure that the Operator is registered with SecureTrading and that the SecureTrading application displays the relevant player registration screens based on the Operator's selected workflow.

- **Geo Comply Check (API)** – The geo Comply encrypted packet provided by the operator will be validated against the Encryption key and Encryption IV formats and fetches the Geo Comply check result. Based on the player IP location, the SecureTrading application verifies the exact player location. The Encryption key and Encryption IV should be configured while setting up an Operator.

The player will be returned with response token as a success response if the Geo Comply check is success.

### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	https://oprcore.securetradinginc.net/securetrading/opr/sthotedPreCheckSiteRegisterPlayerRequest.htm

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123789456245",
  "sitePwd": ")(*^%",
  "userName": "johnsmith",
  "geoComplyEncryptedPacket": "ZsUiDymAiyVr/aQxwqC60c50qCfhJ9WPvZo3TrNAmXxD20onJILaqkmK+CGEDzr7tveVE=",
  "deviceFingerPrint": "value"
}
```

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator site by the SecureTrading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated by the SecureTrading application while registering the

				Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>userName</b>	Alphanumeric	<=25	N	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform. If the player user name is not provided during the registration, then player is set to suspend until the player name is updated as described in <a href="#">Step 6</a> .
<b>geoComplyEncryptedPacket</b>	Alphanumeric	999	Y – If Geo Comply check option is selected as API	The encrypted packet which contains the results of the already performed Geo Comply check for the player.
<b>deviceFingerPrint</b>	Alphanumeric	<=1000	N	Player information collected from the remote computing device.

### Success Response

In the event of successful validation of the Operator site and Workflow details, the following success response is returned from the SecureTrading application:

```
{
  "returnCode":"INFO_PFO_00006",
  "returnMsg":"Redirect Player to fetch IP.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "responseToken":"C3Nxj2b6m1F0TDW7TGIHc4AG3pRbCRcbXbTvMC8TTxY="
}
```

The table below lists all fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 2</a> .

### Error Response

In the event of a failure to validate the Operator site and Workflow details, the following error response is returned from the SecureTrading application:

```
{
  "returnCode": "ERR_PFO_00178",
  "returnMsg": "Site authentication failure.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00"
}
```

Or,

```
{
  "recordStatus": "Failed",
  "returnCode": "ERR_PFO_00178",
  "returnMsg": "No Valid GeoComply Key was provided or key return no data",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00"
}
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Not Created', 'Updated', or 'Failed' in the SecureTrading application even if an error response is returned to the Operator.
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in [Common](#) and [Registration](#) Module of the [Appendix](#) section.

### 2.2.2 Step 2 – Player Redirection and Pre-registration checks

#### Description

The Operator redirects the Player to the SecureTrading application, passing in the **responseToken** from [Step 1](#) as the **requestToken** parameter that forms part of the redirect URL query string parameters.

The SecureTrading application validates the request details and performs a GEO Comply and GEO-IP check against the Player to ensure that they are accessing the site from a permitted jurisdiction before displaying the Hosted Player Registration screen.

The SecureTrading application performs the following checks on the player:

- **Geo Comply Check (Plugin)** - Based on the player IP location, the SecureTrading application verifies the exact player location.

The Registration screen won't be displayed to the player if he/she doesn't shares the location.

- **GEO-IP Check**—SecureTrading application captures the player's Internet Protocol (IP) address and verifies the location details. Each GEO-IP check returns a confidence factor expressing the accuracy of the location data. During the setup of an Operator in the SecureTrading application the Operator can specify a GEO-IP confidence factor threshold which SecureTrading uses to determine the success or failure of the check.

If the Geo IP confidence factor setup as per operator site is lower than the confidence factor received for the individual IP address based on the IP address verification then, the player is not allowed to access the operator site for gaming process accordingly.

- **Jurisdiction Check**—Based on the GEO-IP location, the SecureTrading application verifies whether the player is accessing the Operator site from a jurisdiction that allows gaming.

The player will not be shown the registration screen if any of the above check fails.

### Request Definition


HTTPS Request Type	HTTPS Request URL
Method = GET	<code>https://plyrcore.securetradinginc.net/securetrading/plyr/sthostedRegisterPlayer.htm?requestToken=value&amp;language=</code>

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>requestToken</b>	Alphanumeric	<=64	Y	The <b>responseToken</b> generated in <a href="#">Step 1</a> is used as the <b>requestToken</b> .
<b>language</b>	Alphanumeric	2	Y	The language in which the Player Registration screen should be displayed. The options are: <b>en</b> – English <b>sp</b> - Spanish

### Success Response

In the event of successful validation of the **requestToken** and the Player GEO-IP location, the following **Player Registration** screen is displayed to the player in the language requested:

<b>Personal Details</b> First Name * <input type="text"/> Initial <input type="text"/> Last Name * <input type="text"/> Email Address * <input type="text"/> Confirm Email Address * <input type="text"/>  Date of Birth * <input type="text"/> Month <input type="text"/> Day <input type="text"/> Year <input type="text"/> Gender <input checked="" type="radio"/> Male <input type="radio"/> Female	<b>Current Address</b> Street Address * <input type="text"/> Apartment, Suite, Building <input type="text"/> Zip Code * <input type="text"/> Enter Zip for City and State <input type="text"/> UNITED STATES <input type="text"/>  Home Tel <input type="text"/> <input type="text"/> } At least one number is required Mobile Tel <input type="text"/> <input type="text"/>
<b>Identity Confirmation</b> SSN * <input type="text"/> Driver License Number <input type="text"/> Driver License State of Issue <input type="text"/>	Help Us to Confirm Your Identity  Enter the word above * <input type="text"/>

\* Mandatory Field

Register

## Error Response

In the event of a failure the Player is redirected back to the Operator **Player Registration Failure URL** and the error response is returned as part of the URL query string.

```
http://www.example.com/playerregistrationfailure.htm?returnCode=ERR_PFO_00069&responseToken=LMKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_BG=
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 5</a> .



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in [Common](#) and [Registration](#) Module of the [Appendix](#) section.

### 2.2.3 Step 3 - Player Registration Details

The player registration processes vary as **EID COMPARE** and **EID VERIFY** as follows. It has to be configured while setting up an Operator.

#### 2.2.3.1 EID VERIFY

##### Description



The player enters the details in the **Player Registration** screen as displayed in **Step 2** and clicks the **Submit** button.

The SecureTrading application performs the following checks on the player:

- **Existing Player Check** – The SecureTrading application verifies whether or not the player already exists in the system for the corresponding Operator site.
- **Minimum Age Check** – The SecureTrading application performs a check on the age of the player, both against the minimum age requirements set for the jurisdiction they are playing from as well as any Operator specified limit.
- **Personal Verification Check (EID VERIFY)** – The player details are submitted to knowledge based authentication service where a match on the player details is performed. If a match is found the service returns a series of questions for the player to answer in the following step. If there is a mismatch or the check fails, the player fails registration and is redirected back to the failure player registration URL. This check happens only if the Operator configures **EID VERIFY** in Operator Setup.



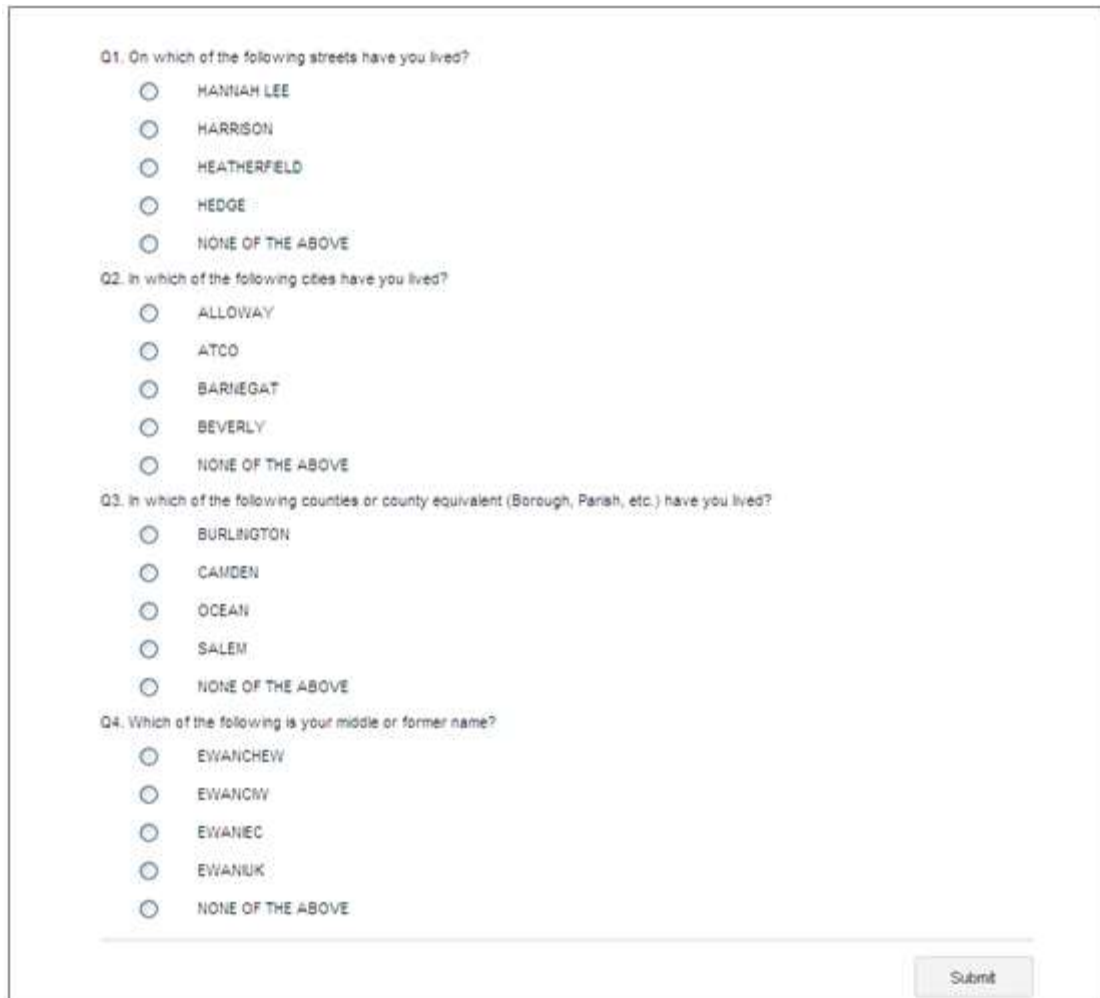
The Personal Verification Check (EID VERIFY, EID COMPARE) is only performed for US based players. And these Checks are configured by the Operator in Operator Setup as either **EID VERIFY** or **EID COMPARE**. Any non-US based players will fail the check and will need to be manually overridden using the Admin screens.

#### Request Definition

Not Applicable

#### Success Response

In the event of successful validation of all fields in the **Registration** screen, the following **Personal Verification** screen is displayed to the player for **EID VERIFY**, displaying the questions returned back from the knowledge based authentication service.

A screenshot of a web registration form. It contains four questions (Q1-Q4) with radio button options. Q1 asks about streets lived on, Q2 about cities, Q3 about counties, and Q4 about middle or former names. Each question has five options, including "NONE OF THE ABOVE". A "Submit" button is at the bottom right.

Q1. On which of the following streets have you lived?

- ☐ HANNAH LEE
- ☐ HARRISON
- ☐ HEATHERFIELD
- ☐ HEDGE
- ☐ NONE OF THE ABOVE

Q2. In which of the following cities have you lived?

- ☐ ALLOWAY
- ☐ ATCO
- ☐ BARNEGAT
- ☐ BEVERLY
- ☐ NONE OF THE ABOVE

Q3. In which of the following counties or county equivalent (Borough, Parish, etc.) have you lived?

- ☐ BURLINGTON
- ☐ CAMDEN
- ☐ OCEAN
- ☐ SALEM
- ☐ NONE OF THE ABOVE

Q4. Which of the following is your middle or former name?

- ☐ EWANCHEW
- ☐ EWANOW
- ☐ EWANEC
- ☐ EWANUK
- ☐ NONE OF THE ABOVE

Submit

### Error Response

In the event of a failure the Player is redirected back to the **Player Registration Failure URL** and the error response is returned as part of the URL query string.

```
http://www.example.com/playerregistrationfailure.htm?returnCode=ERR_PFO_00069&responseToken=QIKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_YZ=
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 5</a> .

All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in [Common](#) and [Registration](#) Module of the



[Appendix](#) section.

#### 2.2.3.1.1 Personal Details Verification

##### Description

The player answers the questions presented to them in the **Personal Verification** screen and clicks the **Submit** button for **EID VERIFY**.

The SecureTrading application performs the following checks on the player:

- **Personal Verification Check** – The SecureTrading application submits the answers provided by the player to the knowledge based authentication service. On successful verification of the details the player registration proceeds to the next checks.



The Personal Verification Check (EID VERIFY, EID COMPARE) is only performed for US based players. And these Checks are configured by the Operator in Operator Setup as either **EID VERIFY** or **EID COMPARE**. Any non-US based players will fail the check and will need to be manually overridden using the Admin screens.

- **OFAC Check** – The SecureTrading application will verify whether the player is listed under Office of Foreign Asset Control (OFAC).
- **PEP Check** – The SecureTrading application will verify whether the player is listed under Politically Exposed Persons (PEP).

##### Request Definition

Not Applicable

##### Success Response

In the event of successful verification of the personal details the Player is redirected back to the Operator **Player Registration Success URL** and the **returnCode** and **responseToken** are returned as part of the URL query string.

```
http://www.example.com/playerregistrationsuccess.htm?returnCode=INFO_PFO_00007&responseToken=AIKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_GD=
```

The table below lists all fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 5</a> .

##### Error Response

In the event of a failure the Player is redirected back to the Operator **Player Registration Failure URL** and the error response is returned as part of the URL query string.

```
http://www.example.com/playerregistrationfailure.htm?returnCode=ERR_PFO_00200&responseToken=AIKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_HK=
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 5</a> .



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Registration](#) Module of the [Appendix](#) section.

### 2.2.3.2 EID COMPARE

#### Description

The player enters the details in the **Player Registration** screen as displayed in Step 2 and clicks the **Submit** button.

The SecureTrading application performs the following checks on the player:

- **Existing Player Check** – The SecureTrading application verifies whether or not the player already exists in the system for the corresponding Operator site.
- **Minimum Age Check** – The SecureTrading application performs a check on the age of the player, both against the minimum age requirements set for the jurisdiction they are playing from as well as any Operator specified limit.
- **Personal Verification Check (EID COMPARE)** – The player details are submitted to knowledge based authentication service where a match on the player details is performed internally. If there is a mismatch or the check fails, the player fails registration and is redirected back to the failure player registration URL. This check happens only if the Operator configures **EID COMPARE** in Operator Setup. On successful verification of the details the player registration proceeds to the next checks.
- **OFAC Check** – The SecureTrading application will verify whether the player is listed under Office of Foreign Asset Control (OFAC).
- **PEP Check** – The SecureTrading application will verify whether the player is listed under Politically Exposed Persons (PEP).

## Request Definition

Not Applicable

## Success Response

In the event of successful verification of the personal details the Player is redirected back to the Operator **Player Registration Success URL** and the **returnCode** and **responseToken** are returned as part of the URL query string.

```
http://www.example.com/playerregistrationsuccess.htm?returnCode=INFO_PFO_00007&responseToken=AIKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_GD=
```

The table below lists all fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 5</a> .

## Error Response

In the event of a failure the Player is redirected back to the Operator **Player Registration Failure URL** and the error response is returned as part of the URL query string.

```
http://www.example.com/playerregistrationfailure.htm?returnCode=ERR_PFO_00200&responseToken=AIKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_HK=
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 5</a> .

The upcoming steps and [Step 4](#) are not applicable for **EID COMPARE**.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Registration](#) Module of the [Appendix](#) section.

## 2.2.4 Step 5 - Retrieve Player Registration Details

### Description

After the Player has been redirected back to the Operator platform, if the Operator wishes to retrieve the Player record created by SecureTrading during the registration process, the Operator can submit a request to retrieve the details.

Upon receipt of the request the SecureTrading application authenticates the Operator and validates that the **requestToken** is associated with the Operator, the type of request and that it matches the relevant **responseToken**. After the request is verified, the associated Player details are returned in the response to the Operator.

### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	<code>https://oprcore.securetradinginc.net/ securetrading/opr/sthostedGetRegistrationRespo nse.htm</code>

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123789456245",
  "sitePwd": ")(*^%",
  "requestToken": "AIKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_GD="
}
```

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated by the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated by the SecureTrading application while registering the Operator.
<b>requestToken</b>	Alphanumeric	<=64	Y	Unique responseToken returned by SecureTrading in <a href="#">Step 4</a> for a success

				condition and <a href="#">Step 2</a> , <a href="#">Step 3</a> , or <a href="#">Step 4</a> for error conditions.
--	--	--	--	---

### Success Response

In the event of successful validation of the Operator and retrieval of the Player details, the following success response is returned from the SecureTrading application.

```
{
  "returnCode": "INFO_PFO_00023",
  "returnMsg": "Request processed successfully.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00",
  "recordStatus": "Created",
  "playerDetails": {
    "returnCode": "INFO_PFO_00007",
    "returnMsg": "Player registered successfully.",
    "operatorId": "000",
    "siteId": "000",
    "userName": "johnsmith1",
    "firstName": "John",
    "middleInitial": "M",
    "lastName": "Smith",
    "gender": "MALE",
    "dob": "02/01/1969",
    "emailAddress": "john.smith@example.com",
    "playerAddress1": "123 LORDS STREET",
    "playerAddress2": "123 SECOND STREET",
    "city": "ANNEMANIE",
    "county": "RUSSELL",
    "state": "ALABAMA",
    "zipCode": "36721",
    "country": "UNITED STATES",
    "mobileNo": "+1-1234567899",
    "landLineNo": "+1-1451214528",
    "ssn": "464940560",
    "dlNumber": "",
    "dlIssuingState": "",
    "stPlayerId": "111311600000000180370",
    "stReferenceNo": "111311600000000226149",
    "sessionToken": "284254"
  }
}
```

In the event that there was an error during the Player Registration process but the Player record was still created, the following response will be returned:

```
{
  "returnCode": "INFO_PFO_00023",
  "returnMsg": "Request processed successfully.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00",
  "recordStatus": "Created",
  "playerDetails": {
    "returnCode": "ERR_PFO_00072",
    "returnMsg": "KYC Check Failure - Player failed KYC Check.",
    "operatorId": "000",
    "siteId": "000",

```

```

    "userName": "johnsmith1",
    "firstName": "John",
    "middleInitial": "M",
    "lastName": "Smith",
    "gender": "MALE",
    "dob": "02/01/1969",
    "emailAddress": "john.smith@example.com",
    "playerAddress1": "123 LORDS STREET",
    "playerAddress2": "123 SECOND STREET",
    "city": "ANNEMANIE",
    "county": "RUSSELL",
    "state": "ALABAMA",
    "zipCode": "36721",
    "country": "UNITED STATES",
    "mobileNo": "+1-1234567899",
    "landLineNo": "+1-1451214528",
    "ssn": "464940560",
    "dlNumber": "",
    "dlIssuingState": "",
    "stPlayerId": "126532700000000258855",
    "stReferenceNo": "126532700000000328817",
    "sessionToken": "284239"
  }
}

```



The **returnCode** and **returnMsg** in the outer JSON relate to the outcome of the request to retrieve the Player details.

The **returnCode** and **returnMsg** within the player details object relate to outcome of the [Player Registration](#) step.

The table below lists all fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Not Created', 'Updated', or 'Failed' in the SecureTrading application even if an error response is returned to the Operator.
<b>playerDetails:</b>			
<b>operatorId</b>	Numeric	3	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>userName</b>	Alphanumeric	<25	The unique user name of the Player that is generated by the Operator in order to



Response Field Name	Data Type	Field Length	Comment
			uniquely identify the Player in the Operator platform.
<b>firstName</b>	Alphanumeric	<=25	The first name of the Player.
<b>middleInitial</b>	Alphanumeric	1	The middle initial of the player.
<b>lastName</b>	Alphanumeric	<=25	The last name of the Player.
<b>gender</b>	Alphanumeric	7	The gender of the Player MALE or FEMALE.
<b>dob</b>	Date (mm/dd/yyyy)	10	The Player's date of birth.
<b>emailAddress</b>	Alphanumeric	100	The email address of the player.
<b>playerAddress1</b>	Alphanumeric	<=60	The first line element of the Player's address.
<b>playerAddress2</b>	Alphanumeric	<=60	The second line element of the Player's address.
<b>city</b>	Alphanumeric	<=25	The city element of the Player's address.
<b>county</b>	Alphanumeric	<=25	The county element of the Player's address.
<b>state</b>	Alphanumeric	<=25	The state element of the Player's address.
<b>zipCode</b>	Alphanumeric	15	The Zip Code element of the Player's address. For US – Numeric >=4 and <=5 For Non-US- Alphanumeric >=5 & <=9.
<b>country</b>	Alphanumeric	<=25	The country element of the Player's address.
<b>mobileNo</b>	Alphanumeric [0-9] [-] [+]	<=15	The mobile number of the player as mentioned during the player registration. If the value is not provided during the player registration, then the response will return a blank value for the field name. +n-nnnnnnnnnn where n is the country code that can include up to 4 digits, followed by hyphen and 10 digit mobile number. However, the total length of the mobile number cannot exceed 15 digits. Refer <a href="#">Appendix C</a> for information on Country Dialling Codes.
<b>landLineNo</b>	Alphanumeric [0-9] [-] [+]	<=15	The contact number of the player as mentioned during the player registration. If the value is not provided during the player registration, then the response will return a blank value for the field name. +n-nnnnnnnnnn, where n is the country code that can include up to 4 digits, followed by hyphen and 10 digit landline number. However, the total length of the number cannot exceed 15 digits.
<b>ssn</b>	Alphanumeric [0-9]	9	The Social Security Number of the Player.
<b>dlNumber</b>	Alphanumeric	<=30	The driver license number of the player as mentioned during the player registration. If the value is not provided during the player registration, then the response will return a blank value to

Response Field Name	Data Type	Field Length	Comment
			fieldname.
<b>dlIssuingState</b>	Alphanumeric	<=25	The state where the player's driving license is issued as mentioned during the player registration. If the value is not provided during the player registration, then the response will return a blank value to fieldname.
<b>stPlayerId</b>	Numeric	21	Unique player ID generated during player registration by SecureTrading.
<b>stReferenceNo</b>	Numeric	21	Unique ID generated for the player registration by SecureTrading.
<b>sessionToken</b>	Numeric	<=64	Unique code identifying the player's session which is generated by the SecureTrading application during the player validation process. This field is then required as a request parameter in any subsequent requests during the players session.

### Error Response

In the event of a failure, the following error response is returned from the SecureTrading application:

```
{
  "returnCode": "ERR_PFO_00066",
  "returnMsg": "Invalid requestToken.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00"
}
```

Or,

```
{
  "returnCode": "ERR_PFO_00178",
  "returnMsg": "Site authentication failure.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00"
}
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Registration](#) Module of the [Appendix](#) section.

## 2.2.5 Step 6 - Update Username for Suspended Player

### Description

This step is optional. If the Player is registered without a username, the status of the Player is set to Suspended until the Player updates the username. This service is used to update the Player username after the Player has been successfully registered.

The Operator sends an HTTPS POST request to the SecureTrading application to update the player username, with a response ID.



The username for the suspended player has to be updated within 7 days after the player is registered.

### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	<a href="https://plyrcore.securetradinginc.net/securetrading/plyr/sthosedUpdateUserName.htm">https://plyrcore.securetradinginc.net/securetrading/plyr/sthosedUpdateUserName.htm</a>

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123789456245",
  "sitePwd": ")(*^%",
  "userName": "johnsmith1",
  "requestToken": "JHFXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_OI"
}
```

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator site by the Secure Trading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated by the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated in the SecureTrading application

				while registering the Operator.
<b>userName</b>	Alphanumeric	<=25	Y	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>requestToken</b>	Alphanumeric	<=64	Y	Unique <b>responseToken</b> returned by SecureTrading in <a href="#">Step 4</a> .

### Success Response

In the event of successful update of the Player username, the following success response is returned from the SecureTrading application:

```
{
  "returnCode":"INFO_PFO_00023",
  "returnMsg":"Request processed successfully.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "recordStatus":"Updated",
  "playerDetails":
    {
      "returnCode":"INFO_PFO_00009",
      "returnMsg":"Player details successfully modified.",
      "operatorId":"000",
      "siteId":"000",
      "userName":"johnsmith1",
      "firstName":"John",
      "middleInitial":"M",
      "lastName":"Smith",
      "gender":"MALE",
      "dob":"02/01/1969",
      "emailAddress":"john.smith@example.com",
      "playerAddress1":"123 LORDS STREET",
      "city":"ANNEMANIE",
      "state":"ALABAMA",
      "county":"RUSSELL",
      "zipCode":"36721",
      "country":"UNITED STATES",
      "mobileNo":"+1-1234567897",
      "landLineNo":"+1-1234567895",
      "ssn":"123456789",
      "dlNumber":"",
      "dlIssuingState":"",
      "stPlayerId":"111311600000000180370",
      "stReferenceNo":"111311600000000226149",
      "sessionToken":"284254"
    }
}
```

The table below lists all fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.

Response Field Name	Data Type	Field Length	Comment
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Not Created', 'Updated', or 'Failed' in the SecureTrading application even if an error response is returned to the Operator.
<b>playerDetails:</b>			
<b>operatorId</b>	Numeric	3	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Unique identification code assigned to the Operator by the Secure Trading application.
<b>userName</b>	Alphanumeric	<=25	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>firstName</b>	Alphanumeric	<=25	The first name of the Player.
<b>middleInitial</b>	Alphanumeric	1	The middle initial of the Player.
<b>lastName</b>	Alphanumeric	<=25	The last name of the Player.
<b>gender</b>	Alphanumeric	7	The gender of the Player MALE or FEMALE
<b>dob</b>	Date (mm/dd/yyyy)	10	The Player's date of birth.
<b>emailAddress</b>	Alphanumeric	100	The email address of the player.
<b>playerAddress1</b>	Alphanumeric	<=60	The first line element of the Player's address.
<b>city</b>	Alphanumeric	<=25	The city element of the Player's address.
<b>state</b>	Alphanumeric	<=25	The state element of the Player's address.
<b>county</b>	Alphanumeric	<=25	The county element of the Player's address.
<b>zipCode</b>	Alphanumeric	15	The Zip Code element of the Player's address. For US – Numeric >=4 and <=5 For Non-US- Alphanumeric >=5 & <=9
<b>country</b>	Alphanumeric	<=25	The country element of the Player's address.
<b>mobileNo</b>	Alphanumeric [0-9] [-] [+]	<=15	The mobile number of the player as mentioned during the player registration. If the value is not provided during the player registration, then the response will return a blank value for the field name. +n-nnnnnnnnnn, A plus (+) is placed at the beginning and the first n is the country code that can include up to 4 digits, followed by hyphen and 10 digit mobile number. However, the total length of the mobile number cannot exceed 15 digits. Refer <a href="#">Appendix C</a> for

Response Field Name	Data Type	Field Length	Comment
			information on Country Dialling Codes.
<b>landLineNo</b>	Alphanumeric [0-9] [-] [+]	<=15	The contact number of the player as mentioned during the player registration. If the value is not provided during the player registration, then the response will return a blank value for the field name. +n-nnnnnnnnnn, A plus (+) is placed at the beginning and the first n is the country code that can include up to 4 digits, followed by hyphen and 10 digit landline number. However, the total length of the number cannot exceed 15 digits.
<b>ssn</b>	Alphanumeric [0-9]	9	The Social Security Number of the Player.
<b>dlNumber</b>	Alphanumeric	<=30	The driver's license number of the player as mentioned during the player registration. If the value is not provided during the player registration, then the response will return a blank value to fieldname.
<b>dlIssuingState</b>	Alphanumeric	<=25	The state where the player's driving license is issued as mentioned during the player registration. If the value is not provided during the player registration, then the response will return a blank value to fieldname.
<b>stPlayerId</b>	Numeric	21	Unique player ID generated during player registration by SecureTrading.
<b>stReferenceNo</b>	Numeric	21	Unique ID generated for the player registration by SecureTrading.
<b>sessionToken</b>	Numeric	<=64	Unique code identifying the player's session which is generated by the SecureTrading application during the player validation process. This field is then required as a request parameter in any subsequent requests during the players session.

### Error Response

In the event of a failure, the following error response is returned from the SecureTrading application:

```
{
  "returnCode":"ERR_PFO_00066",
  "returnMsg":"Invalid requestToken.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00"
}
```

```
{
  "returnCode":"ERR_PFO_00178",
  "returnMsg":"Site authentication failure.",
}
```

```
"stTimeStamp": "2000-12-31T23:59:59.999+01:00"
}
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Registration](#) Module of the [Appendix](#) section.

## 3 Validating a Registered Player (Hosted)

The Player Validation process allows an Operator platform to validate existing registered Players when the Player logs in to the Operator system.

### 3.1 Overview

A Hosted Player Validation is performed in the following sequence:

- **Validate the Operator Platform, Player, and Player Self Exclusion status**– The Operator submits the required authentication details to the SecureTrading application along with the username of the Player and Encrypted Geo Comply packet(If Geo Comply check is configured as API) to be validated. The Operator Site, Workflow, Player details and Player Self Exclusion status are verified using the details stored in the SecureTrading application. The response from Step 1 will vary depending on the outcome of the self exclusion step and are outlined in detail in [Section 3.2](#).
- **Extends Self Exclusion or Continue Player Validation**–This is an optional step that the Operator submits should the player decide to extend the Self Exclusion period. If the player extends the Self Exclusion period the following validation step is not performed.
- **Validate the Player**–The Operator redirects the Player to the SecureTrading application, passing in the **responseToken** from Step 1 as the **requestToken** parameter that forms part of the redirect URL query string parameters. The SecureTrading application validates the request details and performs GEO Comply check (if Geo Comply check is configured as Hosted) and GEO-IP check against the Player to ensure that they are accessing the site from a permitted jurisdiction. The player is redirected back to the Operator platform and a **responseToken** is returned to allow the Operator to request the Player Validation details in Step 4.
- **Retrieve Validation Details** - The Operator submits a request to the SecureTrading application to retrieve the Player Validation details, passing in the **responseToken** from Step 4 and the SecureTrading application returns the relevant Player Validation result to the Operator platform.

### 3.2 Steps Involved

The Player Validation is performed in the steps outlined below.

#### 3.2.1 Step 1 – Validate the Operator Platform, and Player Self Exclusion Status

##### Description

To validate a Player the Operator must first authenticate with the SecureTrading application as well as supply the details of the player being validated.

On receipt of the request the SecureTrading application validates the Operator Site and Workflow details using the details stored in the SecureTrading application.

Once the Operator has been authenticated the following checks are performed on the Player:

- **Self Exclusion Check** – Self Exclusion is an option available to players which allows them to select whether they want to be prevented from accessing gaming sites for a specific period. If this option is enabled and the player attempts to access the gaming sites within the specified date period, the SecureTrading application will allow him to subsequent validation checks allows the player only to perform withdrawal transaction



during the self exclusion period. Depending on the self exclusion status of a Player the following response is returned from the SecureTrading application to the Operator platform:

- **Self Exclusion is not set** – The Player has not opted to be self excluded, a **responseToken** is returned and the Operator is requested to redirect the Player to the SecureTrading application to continue the validation process.
- **Self Exclusion is set and the current date falls within the specified Self Exclusion time period** – A responseToken is returned and the Operator is requested to redirect the Player to the SecureTrading application to continue the validation process but the player is allowed only to perform Withdrawal transactions.
- **The player is accessing for the first time after the Self Exclusion time period has expired** – The SecureTrading application informs the Operator that this is the Player's first login since the expiry of the self exclusion period. A **responseToken** is returned in response, to the Operator. The Operator can provide the Player with an option to extend the Self Exclusion period or can simply continue with the validation process by calling **Step 2**.

The subsequent check will be performed regardless to the result of Self Exclusion check.

- **Geo Comply Check (API)** – The geo Comply encrypted packet provided by the operator will be validated against the Encryption key and Encryption IV formats and fetches the Geo Comply check result. Based on the player IP location, the SecureTrading application verifies the exact player location. The Encryption key and Encryption IV should be configured while setting up an Operator. It will proceed to subsequent steps regardless to the result of Geo comply check

### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	<a href="https://oprvalidation.securetradinginc.net/securetrading/opr/auth/sthotedPreCheckSiteValidatePlayerRequest.htm">https://oprvalidation.securetradinginc.net/securetrading/opr/auth/sthotedPreCheckSiteValidatePlayerRequest.htm</a>

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123789456245",
  "sitePwd": ")(*^%",
  "userName": "johnsmith1",
  "geoComplyEncryptedPacket": "ZsUiDymAiyVr/aQxwqC60c50qCfhJ9WPvZo3TrNAmXxD20onJILaqkmK+CGEDzr7tvey1k=",
  "deviceFingerprint": "value"
}
```

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the

Field Name	Data Type	Field Length	Mandatory Field	Comment
				SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator site by the SecureTrading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated by the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated by the SecureTrading application while registering the Operator.
<b>userName</b>	Alphanumeric	<=25	Y	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>geoComplyEncryptedPacket</b>	Alphanumeric		Y – If Geo Comply check option is selected as API	The encrypted packet which contains the results of the already performed Geo Comply check for the player.
<b>deviceFingerPrint</b>	Alphanumeric	<=1000	N	Player information collected from the remote computing device.

### Success Response

In the event of a successful validation of the Operator site and player username, the following success response is returned from the SecureTrading application:

```
{
  "returnCode":"INFO_PFO_00006",
  "returnMsg":"Redirect Player to fetch IP.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "responseToken":"KLvYTGHhvmIoys6qF_HVH_sJbJXJ5ECfpDnzwRVtpWx="
}
```



If the SecureTrading application identifies that the player is accessing the gaming site for the first time after Self Exclusion period has expired, then the following response is sent to the Operator platform.

```
{
  "returnCode":"INFO_PFO_00001",
  "returnMsg":"Player was previously Self Excluded, please display the screen with the option to continue Self Exclusion."
}
```

```
{
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00",
  "responseToken": "KLvYTGHHvmIoys6qF_HVH_sJbJXJ5ECfpDnzwRVtpWx="
}
```

The table below lists all fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in Step 2 .

### Error Response

In the event of a failure to validate the Operator and player username, the following error response is returned from the SecureTrading application:

```
{
  "returnCode": "ERR_PFO_00178",
  "returnMsg": "Site authentication failure.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00"
}
```

In the event that the Player attempts to login during an active self exclusion period, the following error response is returned from the SecureTrading application:

```
{
  "returnCode": "ERR_PFO_00008",
  "returnMsg": "Player is self-excluded from the system until {DATE}.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00"
}
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Validation](#) Module of the [Appendix](#) section.

### 3.2.2 Step 2 - Extend Self Exclusion or Continue Validation

#### Description

This optional request is made if the self exclusion period has expired and the Player is accessing the Operator site for the first time since the end of the exclusion period.



If the self exclusion period has expired and player is accessing the gaming site for the first time, then the Operator can choose to not verify with the player to extend the self exclusion period and continue to provide access to the gaming sites. In this case the Operator can issue the request and set the **screenShown** and **requestExtension** flags to "N".

#### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	<a href="https://oprvalidation.securetradinginc.net/securetrading/opr/auth/sthostedSelfExcludePlayer.htm">https://oprvalidation.securetradinginc.net/securetrading/opr/auth/sthostedSelfExcludePlayer.htm</a>

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123789456245",
  "sitePwd": ")(*^%",
  "userName": "johnsmith1",
  "exclusionDetails": {
    "fromDate": "05/04/2012",
    "toDate": "05/07/2012",
    "requestHelp": "Y",
    "requestExtension": "N",
    "requestToken": "KLvYTGhvmIoyssJbJXJ5ECfpDnzwrVtpWx=",
    "screenShown": "Y"
  }
}
```

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification

Field Name	Data Type	Field Length	Mandatory Field	Comment
				code assigned to the Operator site by the SecureTrading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>userName</b>	Alphanumeric	<=25	Y	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>exclusionDetails:</b>				
<b>fromDate</b>	Date (mm/dd/yyyy)		Y – If “request Extension” is given as Y in the request.  N – If “requestExtension” is given as N in the request.	The date from when the Self Exclusion request is enabled. The fromDate should be set to the current date. Blank if requestExtension flag is “N”.
<b>toDate</b>	Date (mm/dd/yyyy)		Y – If “request Extension” is given as Y in the request.  N – If “requestExtension” is given as N in the request.	The date till when the Self Exclusion request will be valid. Blank if requestExtension flag is “N”.
<b>requestHelp</b>	Alphanumeric	1	Y	The flag to request help in extending self exclusion on player account. The possible values are: Y:- After player excluded himself, requesting help from

Field Name	Data Type	Field Length	Mandatory Field	Comment
				operator undersanding the Self exclusion process. An Email will be sent to registered site emailld by the SecureTrading system. N:- Player not requested for help and an email will not be sent to operator.
<b>requestExtension</b>	Alphanumeric	1	Y	Flag to extend player Self Exclusion. Possible Values: 'Y' – The Player has opted to request a self exclusion extension. 'N' – The Player has not opted to request a Self Exclusion extension.
<b>requestToken</b>	Alphanumeric	<=64	Y	The <b>responseToken</b> generated in <a href="#">Step 1</a> is used as the <b>requestToken</b> .
<b>screenShown</b>	Alphanumeric	1	Y	Flag to display the screen to the player to extend self exclusion or not. Possible Values: 'Y' – The Operator has displayed a screen to the Player, allowing them to choose whether they wish to extend the Self Exclusion period. 'N' - The Operator has not displayed a screen to the Player.

### Success Response

In the event the Player elects not to extend the self exclusion period, the following success response is returned from the SecureTrading application:

```
{
  "returnCode":"INFO_PFO_00006",
  "returnMsg":"Redirect Player to fetch IP.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "responseToken":"TPvYTGhvmIoys6qF_HVH_sJbJXJ5ECfpDnzwRVtpBv="
}
```

The table below lists all fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error

Response Field Name	Data Type	Field Length	Comment
			response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 3</a> .

### Error Response

In the event of a failure, the following error response is returned from the SecureTrading application:

```
{
  "returnCode": "ERR_PFO_00040",
  "returnMsg": "Invalid toDate.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00"
}
```

In the event the Player elects to extend the self exclusion period, the following error response is returned from the SecureTrading application:

```
{
  "returnCode": "ERR_PFO_00008",
  "returnMsg": "Player is self-excluded from the system until {DATE}.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00",
  "recordStatus": "Created"
}
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Not Created', 'Updated', or 'Failed'. This field can be used to determine whether or not a record has been persisted to the SecureTrading application even if an error response is returned to the Operator.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Validation](#) Module of the [Appendix](#) section.

### 3.2.3 Step 3 - Validate the Player

#### Description

If the player Self Exclusion is not applicable, then SecureTrading application continues with the player validation.

- If [Step 2](#) is performed and Self Exclusion is set or not set on the player account, then the Operator appends the **responseToken** received from SecureTrading application in [Step 2](#) to the player browser URL and continues the validation.
- If [Step 2](#) Step 2 is skipped, then the Operator appends the **responseToken** received from SecureTrading application in [Step 1](#) to the player browser URL and continues the validation.

The SecureTrading application performs the following checks on the player:

- **Geo Comply Check (Plugin)** - Based on the player IP location, the SecureTrading application verifies the exact player location. The subsequent check will be performed regardless to the result of Geo Comply check.
- **GEO-IP Check** – The SecureTrading application captures the player's Internet Protocol (IP) address and verifies the location details. Each GEO-IP check returns a confidence factor expressing the accuracy of the location data. During the setup of an Operator in the SecureTrading application the Operator can specify a GEO-IP confidence factor threshold which the SecureTrading uses to determine the success or failure of the check.

If the Geo IP confidence factor setup as per operator site is lower than the confidence factor received for the individual IP address based on the IP address verification then, the player is not allowed to access the operator site for gaming process accordingly. The subsequent check will be performed regardless to the result of Geo IP check.

- **Jurisdiction Check**– Based on the GEO-IP location, the SecureTrading application verifies whether the player is accessing the Operator site from a jurisdiction that allows gaming. The subsequent check will not be performed if Jurisdiction check fails.
- **Minimum Age Check** – The SecureTrading application performs a check on the age of the player, both against the minimum age requirements set by the relevant jurisdiction as well as any Operator specified limit. The subsequent check will not be performed if Minimum Age check fails.
- **OFAC Check** – The SecureTrading application will verify whether the player is listed under Office of Foreign Asset Control (OFAC). The subsequent check will not be performed if OFAC check fails.
- **PEP Check** – The SecureTrading application will verify whether the player is listed under Politically Exposed Persons (PEP).



As per the performed check result the player will be categorized into 4 different conditions of validation.

- **Unconditional Validation** – Player will be allowed to perform everything.
  - All the validation check is passed.
  - If Geo Comply check is passed and GEO IP check is failed.
- **Conditional Validation – Not Legal Wagering** - Player will not be allowed to play games.
  - If only Geo Comply check is fails.
  - If Geo IP check fails in the absence of Geo Comply check.
- **Conditional Validation – Withdrawal only** – Player will be allowed only to perform Withdrawal
  - If player is self excluded.
- **Failed Validation** – Player will not be allowed to perform anything.
  - If the player fails any of the below checks.
    - Jurisdiction Check
    - Minimum Age Check
    - OFAC Check
    - PEP Check



Considering the validation checks the player will be categorized into **Unconditional validation, Conditional Validation – Not Legal for Wagering, Conditional Validation-Withdrawal only** and **Failed Validation**.

### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = GET	<code>https://plyrvalidation.securetradinginc.net/securetrading/plyr/auth/sthostedValidatePlayer.htm?requestToken=value</code>

### Success Response

In the event of a successful validation check, the Player is redirected back to the **Player Validation Success URL** and the success response is returned as part of the URL query string.

```
http://www.example.com/playervalidationsuccess.htm?returnCode=INFO_PFO_00002&responseToken=BSKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXATL=
```

The table below lists all fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as

Response Field Name	Data Type	Field Length	Comment
			<b>requestToken</b> in <a href="#">Step 4</a> .

### Error Response

In the event of a failure the Player is redirected back to the Operator **Player Validation Failure URL** and the error response is returned as part of the URL query string.

```
http://www.example.com/playervalidationfailure.htm?returnCode=ERR_PFO_00017&responseToken=BSKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXATL=
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 4</a> .



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Validation](#) Module of the [Appendix](#) section.

### 3.2.4 Step 4 - Retrieve Player Validation Details

#### Description

After the Player has been redirected back to the Operator platform, if the Operator requires the Player Validation details captured by SecureTrading, the Operator can submit a request to retrieve the details.

Upon receipt of the request the SecureTrading application authenticates the Operator and validates that the **requestToken** is associated with the Operator, the type of request and that it matches the relevant **responseToken**. After the requested is verified, the associated Player Validation details are returned in the response to the Operator.

#### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	<a href="https://oprvalidation.securetradinginc.net/securetrading/opr/auth/sthostedGetValidationResponse.htm">https://oprvalidation.securetradinginc.net/securetrading/opr/auth/sthostedGetValidationResponse.htm</a>

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
```

```
{
  "siteUsername": "123456789545",
  "sitePwd": ")*(&^%$#",
  "requestToken": "BSKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXATL="
}
```

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator site by the SecureTrading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated by the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated by the SecureTrading application while registering the Operator.
<b>requestToken</b>	Alphanumeric	<=64	Y	The <b>responseToken</b> generated in <a href="#">Step 2</a> and <a href="#">Step 3</a> success conditions and <a href="#">Step 3</a> error conditions.

### Success Response

In the event of a successful retrieval of player details, the following success response is returned from SecureTrading.

```
{
  "returnCode": "INFO_PFO_00002",
  "returnMsg": "Player successfully validated.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00",
  "validationDetails": {
    "userName": "johnsmith1",
    "stPlayerId": "126232200000000198832",
    "stReferenceNo": "126232200000000278285",
    "connectionToken": "653be279f3e
d965f092bba916a0ca1",
    "sessionToken": "233936",
    "games": [
      {
        "gameId": 1,
        "gameName": "Lottery",

```

```

        "gameStartTime":"02:00",
        "gameEndTime":"07:59"
    }
    ]
}

```

Or,

```

{
  "returnCode":"INFO_PFO_00002",
  "returnMsg":"Player successfully validated.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "validationDetails":
  {
    "errorCode":"ERR_PFO_00060",
    "errorMessage":"Quova Check Failure - IP Address not found.",
    "userName":"johnsmith1",
    "stPlayerId":"126232200000000198832",
    "stReferenceNo":"126232200000000278285",
    "connectionToken":"653be279f3e
d965f092bba916a0ca1",
    "sessionToken":"233936",
    "games":
    [
      {
        "gameId":1,
        "gameName":"Lottery",
        "gameStartTime":"02:00",
        "gameEndTime":"07:59"
      }
    ]
  }
}

```

Or,

```

{
  "returnCode":"INFO_PFO_00041",
  "returnMsg":"Not legal for wagering - The players location is outside the permitted state borders and therefore not allowed to wager.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "validationDetails":
  {
    "errorCode":"ERR_PFO_00285",
    "errorMessage":"The player has failed the location check",
    "userName":"johnsmith1",
    "stPlayerId":"126232200000000198832",
    "stReferenceNo":"126232200000000278285",
    "connectionToken":"653be279f3e
d965f092bba916a0ca1",
    "sessionToken":"233936",
  }
}

```

Or,

```
{
  "returnCode":"INFO_PFO_00041",
  "returnMsg":" Not legal for wagering - The players location is
outside the permitted state borders and therefore not allowed
to wager.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "validationDetails":
  {
    "errorCode":"ERR_PFO_00060",
    "errorMessage":"Quova Check Failure - IP Address not
found.",
    "userName":"johnsmith1",
    "stPlayerId":"126232200000000198832",
    "stReferenceNo":"126232200000000278285",
    "connectionToken":"653be279f3e
d965f092bba916a0ca1",
    "sessionToken":"233936",
  }
}
```

Or,

```
{
  "returnCode":"INFO_PFO_00040",
  "returnMsg":"Withdrawal Only - The player is on the self
exclusion list and is only allowed to withdrawal.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "validationDetails":
  {
    "errorCode":"ERR_PFO_00008",
    "errorMessage":"Player is self-excluded from the system
until {DATE}.",
    "userName":"johnsmith1",
    "stPlayerId":"126232200000000198832",
    "stReferenceNo":"126232200000000278285",
    "connectionToken":"653be279f3e
d965f092bba916a0ca1",
    "sessionToken":"233936",
  }
}
```

The table below lists all fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>validationDetails:</b>			
<b>errorCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each error response sent to the

Response Field Name	Data Type	Field Length	Comment
			Operator platform.
<b>errorMsg</b>	Alphanumeric	<=250	The description of the <b>errorCode</b> .
<b>userName</b>	Alphanumeric	<25	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>stPlayerId</b>	Numeric	21	Unique player ID generated during player registration by SecureTrading.
<b>stReferenceNo</b>	Numeric	21	Unique ID generated for the player validation by SecureTrading.
<b>connectionToken</b>	Alphanumeric	<=64	Unique code identifying the player's connection which is generated by the SecureTrading application during the player validation process. This field is then required as a request parameter in any subsequent requests during the players session.
<b>sessionToken</b>	Alphanumeric	<=64	Unique code identifying the player's session which is generated by the SecureTrading application during the player validation process. This field is then required as a request parameter in any subsequent requests during the players session.
<b>games :</b>			
<b>gameId</b>	Numeric	<=5	The identification code of the game that the player has chosen to play from the login location.
<b>gameName</b>	Alphanumeric	<=50	The name of the game the player has chosen to play from the login location.
<b>gameStartTime</b>	Time [hh:mm]	5	The start time at which the player can play the game.
<b>gameEndTime</b>	Time [hh:mm]	5	The end time up to which the player can play the game.



The **sessionToken** and the **connectionToken** generated by the SecureTrading application are valid for 24 hours from the time it is generated.

## Error Response

In the event of a failure in retrieving the player details, the following error response is returned from the SecureTrading application:

```
{
  "returnCode": "ERR_PFO_00178",
  "returnMsg": "Site authentication failure.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00"
}
```

```
{
  "returnCode": "ERR_PFO_00066",
  "returnMsg": "Invalid requestToken.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00"
}
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Not Created', 'Updated', or 'Failed'. This field can be used to determine whether or not a record has been persisted to the SecureTrading application even if an error response is returned to the Operator.
<b>validation Errors:</b>			
<b>validationError</b>	Alphanumeric	<=256	Field validation error description.
<b>validationField</b>	Alphanumeric	<=64	Field name for which field validation failed.

In the event of field validation error due to multiple counties found for City, State & Zip Code combination, the following error response is returned from the SecureTrading application.

```
{
  "returnCode": "ERR_PFO_00001",
  "returnMsg": "Validation Failure - Field validation failure. Please see validation Errors for more details.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00",
  "recordStatus": "Failed",
  "validation Errors":
  [
    {
      "validationField": "County",
      "validationError": "Multiple Counties Found"
    }
  ]
}
```

```
    },
    "countyList":
    [
        {
            "county": "NIOBRARA"
        },
        {
            "county": "NOBLE"
        }
    ]
}
```

The Operator has to resend validation request ([Step 1](#)) including a valid county name and repeat all steps.

Response Field Name	Data Type	Field Length	Comment
<b>countyList:</b>			
<b>county</b>	Alphanumeric	<=25	The county element of the Player's address.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Validation](#) Module of the [Appendix](#) section.



## 4 Player Details Modification (Hosted)

The Player Modification process allows the Operator to modify existing registered players in the SecureTrading application.



It is necessary that the player is validated and has an active connection token before the player modifies the details. For more information on player validation and active connection token, see [Player Validation](#) module.

### 4.1 Overview

A Hosted player modification is performed in the following sequence:

- **Validate the Operator Platform** – The Operator submits the required authentication details to the SecureTrading application. The Site and Workflow details are validated using the details stored in the SecureTrading application and a **responseToken** is returned.
- **Player Redirection and Player Details Retrieval** – The Operator redirects the player to the SecureTrading application, passing in the **responseToken** from [Step 1](#).
- **Update Player Modification Details (EID COMPARE)** –The player modifies their details in the Player Modification screen and upon submission, the player details are validated by the SecureTrading and a **responseToken** is returned to the Operator platform. This needs to be configured while setting up an Operator.  
Step 4 and 5 are not applicable for **EID COMPARE**
- **Update Player Modification Details (EID VERIFY)** –The player modifies their details in the Player Modification screen and upon submission, the player details are validated by the SecureTrading application before displaying the hosted Personal Verification screen.
- **Update Player Personal Verification Details** - The Player enters the details required in the Personal Details Verification screen hosted by SecureTrading and submits the details. The player details are validated using the details stored in the SecureTrading application and a **responseToken** is returned to the Operator platform.
- **Retrieve Modified Player Details** – The Operator submits a request to the SecureTrading application to retrieve the player details, passing in the **responseToken** from [Step 4](#) or [Step3](#) and the SecureTrading application returns the relevant player details to the Operator platform.

### 4.2 Steps Involved

Player modification is performed in the steps outlined below.

#### 4.2.1 Step 1 - Validate the Operator Platform

##### Description

In order for a Player to modify their details the Operator must first authenticate with the SecureTrading application. In addition to the Operator authentication information, the

Operator must provide the **username**, **connectionToken** and **sessionToken** of the player to be modified.

On receipt of the request the SecureTrading application validates the Operator site and Workflow details using the details stored in the SecureTrading application and a responseToken is returned to the Operator. This check is performed to ensure that the Operator is registered with SecureTrading and that the SecureTrading application displays the relevant player modification screens based on the Operator's selected workflow.

### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	https://oprcore.securetradinginc.net/ securetrading/opr/sthostedPreCheckModifyPlayer Request.htm

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123789456245",
  "sitePwd": ")(*&^%",
  "userName": "johnsmith1",
  "connectionToken": "a8af858803ccc1206f942f044ce114ac1a78137c18",
  "sessionToken": "233936"
}
```

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>userName</b>	Alphanumeric	<=25	Y	The unique user name of the Player that is generated by the Operator

Field Name	Data Type	Field Length	Mandatory Field	Comment
				in order to uniquely identify the Player in the Operator platform.
<b>connectionToken</b>	Alphanumeric	<=64	Y	Unique code identifying the player's connection which is generated by the SecureTrading application during the player validation process. This field is then required as a request parameter in any subsequent requests during the players session.
<b>sessionToken</b>	Alphanumeric	<=64	Y	Unique code identifying the player's session which is generated by the SecureTrading application during the player validation process. This field is then required as a request parameter in any subsequent requests during the players session.

### Success Response

In the event of successful authentication of the Operator and the validation of the Player details, the following success response is returned from the SecureTrading application:

```
{
  "returnCode":"INFO_PFO_00030",
  "returnMsg":"Please redirect the Player so they can modify their details.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "responseToken":"pIMXKG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_YM="
}
```

The table below lists all fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step</a>

			<a href="#">2.</a>
--	--	--	--------------------

## Error Response

In the event of a failure to validate the Operator site, Workflow or Player details, the following error response is returned from the SecureTrading application:

```
{
  "returnCode": "ERR_PFO_00178",
  "returnMsg": "Site authentication failure.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00"
}
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Modification](#) Module of the [Appendix](#) section.

### 4.2.2 Step 2 – Player Redirection and Player Details Retrieval

#### Description

The Operator redirects the Player to the SecureTrading application, passing in the **responseToken** from [Step 1](#) as the **requestToken** parameter that forms part of the redirect URL query string parameters.

The SecureTrading application validates the request details and retrieves the registered Player details before displaying the hosted Player Modification screen.

#### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = GET	<code>https://plyrcore.securetradinginc.net/securetrading/plyr/sthostedModifyPlayer.htm?requestToken=value&amp;language=value</code>

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
------------	-----------	--------------	-----------------	---------

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>requestToken</b>	Alphanumeric	<=64	Y	The <b>responseToken</b> generated in <a href="#">Step 1</a> is used as the <b>requestToken</b> .
<b>language</b>	Alphanumeric	2	Y	The language in which the request is sent. The options are: en - English sp - Spanish

### Success Response

In the event of successful validation of the **requestToken** and the Player details retrieval, the following **Player Modification** screen is displayed to the player in the language requested:



The screenshot displays a web form for player modification. It is divided into three main sections: **Personal Details**, **Current Address**, and **Identity Confirmation**. The **Personal Details** section includes fields for Name (JOHNSMITH), Email (johnsmith@example.com), Date of Birth (January 01, 1920), and Gender (Male/Female). The **Current Address** section includes fields for Street (123 MAIN STREET), Apartment/ Suite/ Building, State Name, City Name (88888), County Name, and Country Name (UNITED STATES). There are also fields for Phone Number (+1 123-456-7895) and Mobile Number (+1). The **Identity Confirmation** section includes fields for Driver License Number (xxx-xx-1234), Driver License State of Issue, and a CAPTCHA image with the text 'furew'. A 'Submit' button is located at the bottom right. A legend indicates that an asterisk (\*) denotes a mandatory field.

### Error Response

In the event of a failure the Player is redirected back to the Operator **Player Modification Failure** URL and the error response is returned as part of the URL query string.

```
http://www.example.com/playermodificationfailure.htm?returnCode=ERR_PFO_00048&responseToken=TTKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_KL=
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 5</a> .



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Modification](#) Module of the [Appendix](#) section.

#### 4.2.3 Step 3 - Update Player Modification Details

The player modification processes vary as **EID COMPARE** and **EID VERIFY** as follows. This has to be configured while setting up an Operator.

##### 4.2.3.1 EID VERIFY

###### Description

The player enters the modified details in the **Player Modification** screen as displayed in Step 2 and clicks the **Submit** button.

The players are allowed to modify only the below mentioned fields.

- Last Name
- Email ID
- Street Address
- City
- State
- Country
- ZIP CODE/POST CODE
- Driving License
- Driving License Issue State
- SSN/TIN

The SecureTrading application performs the following checks on the player:

- **Existing Player Check** – The SecureTrading application verifies whether or not the player already exists in the system for the corresponding Operator site.
- **Minimum Age Check** – The SecureTrading application performs a check on the age of the player, both against the minimum age requirements set for the jurisdiction they are playing from as well as any Operator specified limit. By default minimum age limit is set as 18yrs by the SecureTrading application.
- **Personal Verification Check (EID VERIFY)** – The player details are submitted to knowledge based authentication service where a match on the player details is performed. If a match is found the service returns a series of questions for the player to answer in the following step. If there is a mismatch or the check fails, the player fails modification and is redirected back to the failure player modification URL. This check happens only if the Operator configures **EID VERIFY** in Operator Setup.

The Personal Verification Check (EID VERIFY, EID COMPARE) is only performed for US based players. And these Checks are configured by the Operator in Operator Setup as either **EID VERIFY** or **EID COMPARE**. Any non-US based players will fail the check and



will need to be manually overridden using the Admin screens.

### Request Definition

Not Applicable

### Success Response

In the event of successful validation of all fields in the **Modification** screen, the following **Personal Verification** screen is displayed to the player for **EID VERIFY**, displaying the questions returned back from the knowledge based authentication service.

The screenshot shows a 'Personal Verification' screen with four questions (Q1-Q4) and a 'Submit' button at the bottom right. Each question has five radio button options.

Q1. On which of the following streets have you lived?

- ☐ HANNAH LEE
- ☐ HARRISON
- ☐ HEATHERFIELD
- ☐ HEDGE
- ☐ NONE OF THE ABOVE

Q2. In which of the following cities have you lived?

- ☐ ALLOWAY
- ☐ ATCO
- ☐ BARNEGAT
- ☐ BEVERLY
- ☐ NONE OF THE ABOVE

Q3. In which of the following counties or county equivalent (Borough, Parish, etc.) have you lived?

- ☐ BURLINGTON
- ☐ CAMDEN
- ☐ OCEAN
- ☐ SALEM
- ☐ NONE OF THE ABOVE

Q4. Which of the following is your middle or former name?

- ☐ EWANCHEW
- ☐ EWANCW
- ☐ EWANEC
- ☐ EWANUK
- ☐ NONE OF THE ABOVE

Submit

### Error Response

In the event of a failure the Player is redirected back to the Operator **Player Modification Failure** URL and the error response is returned as part of the URL query string.

```
http://www.example.com/playermodificationfailure.htm?returnCode=ERR_PFO_00072&responseToken=LtKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_KZ=
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 5</a> Step 5 .



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Modification](#) Module of the [Appendix](#) section.

#### 4.2.3.1.1 Update Player Verification Details

##### Description

The player answers the questions presented to them in the **Personal Verification** screen and clicks the **Submit** button.

The SecureTrading application performs the following checks on the player:

- **Personal Verification Check** – The SecureTrading application submits the answers provided by the player to the knowledge based authentication service. On successful verification of the details the player Modification proceeds to the next checks.
- **OFAC Check** – The SecureTrading application will verify whether the player is listed under Office of Foreign Asset Control (OFAC).
- **PEP Check** –The SecureTrading application will verify whether the player is listed under Politically Exposed Persons (PEP).



The Personal Verification Check is only performed for US based players. Any non-US based players will fail the check and will need to be manually overridden using the Admin screens.

##### Request Definition

Not Applicable.

##### Success Response

In the event of successful verification of the personal details the Player is redirected back to the Operator **Player Modification Success** URL and the **returnCode** and **responseToken** are returned as part of the URL query string.

```
http://www.example.com/playermodificationsuccess.htm?returnCode=INFO_PFO_00009&responseToken=JtKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_DK=
```



The table below lists all fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 5</a> .

### Error Response

In the event of a failure the Player is redirected back to the Operator **Player Modification Failure** URL and the error response is returned as part of the URL query string.

```
http://www.example.com/playermodificationfailure.htm?returnCode=ERR_PFO_00083&responseToken=JlKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_WX=
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 5</a> .



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Modification](#) Module of the [Appendix](#) section.

#### 4.2.3.2 EID COMPARE

##### Description

The player modifies the details in the **Player Modification** screen as displayed in Step 2 and clicks the **Submit** button.

The players are allowed to modify only the below mentioned fields.

- Last Name
- Email ID
- Street Address
- City
- State
- Country
- ZIP CODE/POST CODE

- Driving License
- Driving License Issue State
- SSN/TIN

The SecureTrading application performs the following checks on the player:

- **Existing Player Check** – The SecureTrading application verifies whether or not the player already exists in the system for the corresponding Operator site.
- **Minimum Age Check** – The SecureTrading application performs a check on the age of the player, both against the minimum age requirements set for the jurisdiction they are playing from as well as any Operator specified limit. By default minimum age limit is set as 18yrs by the SecureTrading application.
- **Personal Verification Check (EID COMPARE)** – The player details are submitted to knowledge based authentication service where a match on the player details is performed internally. If there is a mismatch or the check fails, the player fails modification and is redirected back to the failure player modification URL. This check happens only if the Operator configures **EID COMPARE** in Operator Setup. On successful verification of the details the player modification proceeds to the next checks.
- **OFAC Check** – The SecureTrading application will verify whether the player is listed under Office of Foreign Asset Control (OFAC).
- **PEP Check** – The SecureTrading application will verify whether the player is listed under Politically Exposed Persons (PEP).

### Request Definition

Not Applicable

### Success Response

In the event of successful verification of the personal details the Player is redirected back to the Operator **Player modification Success URL** and the **returnCode** and **responseToken** are returned as part of the URL query string.

```
http://www.example.com/playermodificationsuccess.htm?returnCode=INFO_PFO_00009&responseToken=JtKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_DK=
```

The table below lists all fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 5</a> .

### Error Response

In the event of a failure the Player is redirected back to the Operator **Player Modification Failure URL** and the error response is returned as part of the URL query string.

```
http://www.example.com/playermodificationfailure.htm?returnCode=ERR_PFO_00083&responseToken=JlKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_WX=
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 5</a> .

The upcoming steps and [Step 4](#) are not applicable for **EID COMPARE**.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Modification](#) Module of the [Appendix](#) section.

#### 4.2.4 Step 5 - Retrieve Modified Details

##### Description

After the Player has been redirected back to the Operator platform, if the Operator wishes to retrieve the modified Player record, the Operator can submit a request to retrieve the details.

On receipt of the request the SecureTrading application authenticates the Operator and validates that the **requestToken** is associated with the Operator, the type of request and that it matches the relevant **responseToken**. After the requested is verified, the associated Player details are returned in response to the Operator.

##### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	<code>https://oprcore.securetradinginc.net/securetrading/opr/sthostedGetPlayerModificationResponse.htm</code>

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123789456245",
  "sitePwd": ")(*^%",
  "requestToken": "TTKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_KL="
}
```

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>requestToken</b>	Alphanumeric	<=64	Y	The <b>responseToken</b> generated in <a href="#">Step 4</a> success Response, and <a href="#">Step 2</a> , <a href="#">Step 3</a> , and <a href="#">Step 4</a> Error Responses is used as the <b>requestToken</b> .

### Success Response

In the event of successful validation of the Operator and retrieval of the Player details, the following success response is returned from the SecureTrading application.

```
{
  "returnCode":"INFO_PFO_00023",
  "returnMsg":"Request processed successfully.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "recordStatus":"Updated",
  "playerDetails":
  {
    "returnCode":"INFO PFO 00009",
    "returnMsg":"Player details successfully modified.",
    "operatorId":"000",
    "siteId":"000",
    "userName":"johnsmith1",
    "firstName":"John",
    "middleInitial":"M",
    "lastName":"Smith",
    "gender":"Male",
    "dob":"01/01/1966",
    "emailAddress":"john.smith@example.com",
    "playerAddress1":"123 Bard street",
    "city":"ANGOON",
    "county":"NORTH SLOPE",
    "state":"ALASKA",
    "zipCode":"99820",

```

```
{
  "country": "UNITED STATES",
  "mobileNo": "+1-1234567895",
  "landLineNo": "+1-1451214528",
  "ssn": "",
  "dlNumber": "",
  "dlIssuingState": "",
  "stPlayerId": "111311600000000180370",
  "stReferenceNo": "111311600000000226149",
  "sessionToken": "200446"
}
```

If the event that there was an error during the Player Modification process but the Player record was still updated, the following response will be returned:

```
{
  "returnCode": "INFO_PFO_00023",
  "returnMsg": "Request processed successfully.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00",
  "recordStatus": "Updated",
  "playerDetails": {
    "returnCode": "ERR_PFO_00072",
    "returnMsg": "KYC Check Failure - Player failed KYC Check.",
    "operatorId": "000",
    "siteId": "000",
    "userName": "johnsmith1",
    "firstName": "John",
    "middleInitial": "M",
    "lastName": "Smith",
    "gender": "Male",
    "dob": "01/01/1966",
    "emailAddress": "john.smith@example.com",
    "playerAddress1": "123 Bard street",
    "city": "ANGOON",
    "county": "NORTH SLOPE",
    "state": "ALASKA",
    "zipCode": "99820",
    "country": "UNITED STATES",
    "mobileNo": "+1-1234567895",
    "landLineNo": "+1-1451214528",
    "ssn": "",
    "dlNumber": "",
    "dlIssuingState": "",
    "stPlayerId": "126532700000000258855",
    "stReferenceNo": "126532700000000328817",
    "sessionToken": "284239"
  }
}
```



The **returnCode** and **returnMsg** in the outer JSON relate to the outcome of the request to retrieve the Player details.

The **returnCode** and **returnMsg** within the playerDetails object relate to outcome of the Player Modification.

The table below lists all fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Not Created', 'Updated', or 'Failed' in the SecureTrading application even if an error response is returned to the Operator.
<b>playerDetails:</b>			
<b>operatorId</b>	Numeric	3	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>userName</b>	Alphanumeric	<25	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>firstName</b>	Alphanumeric	<=25	The first name of the Player.
<b>middleInitial</b>	Alphanumeric	1	The middle initial of the Player.
<b>lastName</b>	Alphanumeric	<=25	The last name of the Player.
<b>gender</b>	Alphanumeric	MALE or FEMALE	The gender of the Player MALE or FEMALE
<b>dob</b>	Date (mm/dd/yyyy)	10	The Player's date of birth.
<b>emailAddress</b>	Alphanumeric	100	The email address of the player.
<b>playerAddress1</b>	Alphanumeric	<=60	The first line element of the Player's address.
<b>city</b>	Alphanumeric	<=25	The city element of the Player's address.
<b>county</b>	Alphanumeric	<=25	The county element of the Player's address.
<b>state</b>	Alphanumeric	<=25	The state element of the Player's address.
<b>zipCode</b>	Alphanumeric	For US – Numeric >=4 and <=5 For Non-US-	The zip Code element of the Player's address. For US – Numeric >=4 and <=5

Response Field Name	Data Type	Field Length	Comment
		Alphanumeric >=5 & <=9	For Non-US- Alphanumeric >=5 & <=9
<b>country</b>	Alphanumeric	<=25	The country element of the Player's address.
<b>mobileNo</b>	Alphanumeric [0-9] [-] [+]	<=15	The mobile number of the player as mentioned during the player registration. If the value is not provided during the player registration, then the response will return a blank value for the field name. +n-nnnnnnnnnn, A plus (+) is placed at the beginning and the first n is the country code that can include up to 4 digits, followed by hyphen and 10 digit mobile number. However, the total length of the mobile number cannot exceed 15 digits. Refer <a href="#">Appendix C</a> for information on Country Dialling Codes.
<b>landLineNo</b>	Alphanumeric [0-9] [-] [+]	<=15	The contact number of the player as mentioned during the player registration. If the value is not provided during the player registration, then the response will return a blank value for the field name. +n-nnnnnnnnnnn, A plus (+) is placed at the beginning and the first n is the country code that can include up to 4 digits, followed by hyphen and 10 digit landline number. However, the total length of the number cannot exceed 15 digits.
<b>ssn</b>	Alphanumeric [0-9]	9	The Social Security Number of the Player.
<b>dlNumber</b>	Alphanumeric	30	The driver's license number of the player as mentioned during the player registration. If the value is not provided during the player registration, then the response will return a blank value to fieldname.
<b>dlIssuingState</b>	Alphanumeric	<=25	The state where the player's driving license is issued as mentioned during the player registration. If the value is not provided during the player

Response Field Name	Data Type	Field Length	Comment
			registration, then the response will return a blank value to fieldname.
<b>stPlayerId</b>	Numeric	21	Unique player ID generated during player registration by SecureTrading.
<b>stReferenceNo</b>	Numeric	21	Unique ID generated by SecureTrading for the request.
<b>sessionToken</b>	Alphanumeric	<=64	Unique code identifying the player's session which is generated by the SecureTrading application during the player validation process. This field is then required as a request parameter in any subsequent requests during the players session.

### Error Response

In the event of a failure in retrieving the player details, the following error response is returned from SecureTrading.

```
{
  "returnCode":"ERR_PFO_00066",
  "returnMsg":"Invalid requestToken.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00"
}
```

```
{
  "returnCode":"ERR_PFO_00178",
  "returnMsg":"Site authentication failure.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00"
}
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Modification](#) Module of the [Appendix](#) section.



## 5 Card Management (Hosted)

The Card Management process allows Players to register up to three payment cards within the SecureTrading application for the purpose of depositing and withdrawal of funds into the Player's account.

The following two tasks are performed under the Card Management process:

1. Card Registration
2. View and Modify Card Details



It is necessary that the player is validated and has an active connection token before the player modifies the details. For more information on player validation and active connection token, see [Player Validation](#) module.

### 5.1 Card Registration

A Hosted Player Payment Card Registration is performed in the following sequence:

- **Validate Player and Operator Details** – The Operator submits the required authentication details to the SecureTrading application along with the username, connectionToken and sessionToken of the Player registering the payment card. The Operator site, Workflow and Player details are validated using the details stored in the SecureTrading application and a **responseToken** is returned.
- **Player Redirection** -The Operator redirects the Player to the SecureTrading application, passing in the **responseToken** from [Step 1](#) as the **requestToken** parameter that forms part of the redirect URL query string parameters. The SecureTrading application validates the request details before displaying the Hosted Card Registration screen.
- **Player Card Details Registration** – The Player enters their card details in the Card Registration screen and upon submission, the card details are validated by the SecureTrading application and a **responseToken** is returned to the Operator platform.
- **Retrieve Player Card Registration Status** - The Operator submits a request to the SecureTrading application to retrieve the status of the card registration by passing in the **responseToken** from [Step 3](#) and the SecureTrading application returns the relevant recordStatus to the Operator platform.

#### 5.1.1 Steps Involved

Player payment Card registration is performed in the steps outlined below.

##### 5.1.1.1 Step 1 - Validate Player and Operator Details

## Description

In order for a Player to register a payment card the Operator must first authenticate with the SecureTrading application as well as supply the details of the player registering a card.

On receipt of the request the SecureTrading application validates the Operator Site, Workflow and Player details using the details stored in the SecureTrading application and a **responseToken** is returned to the Operator.

## Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	https://oprcore.securetradinginc.net/securetrading/opr/sthosedPreCheckSiteCardRequest.htm

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123789456245",
  "sitePwd": ")(*^%",
  "userName": "johnsmith1",
  "accountType": "ECOM",
  "connectionToken": "653be279f22dede9310237db59525bd778523e429b7cdd965f092bba916a0ca1",
  "sessionToken": "200446"
}
```

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated by the SecureTrading application while registering the Operator.
<b>userName</b>	Alphanumeric	<=25	Y	The unique user name of the Player that is

Field Name	Data Type	Field Length	Mandatory Field	Comment
				generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>accountType</b>	Alphabetic	<=25	Y	AccountType is the payment processing mode received by ST system from operator which is used by the acquirer during transaction authorization. The possible values for accountType are ; 1. ECOM - E-Commerce 2.MOTO - Mail Order/Telephone Order 3.CFT - CardHolder Fund Transfer
<b>connectionToken</b>	Alphanumeric	<=64	Y	Unique code identifying the player's connection which is generated by the SecureTrading application during the player validation process. This field is then required as a request parameter in any subsequent requests during the players session.
<b>sessionToken</b>	Alphanumeric	<=64	Y	Unique code identifying the player's session which is generated by the SecureTrading application during the player validation process. This field is then required as a request parameter in any subsequent requests during the players session.

### Success Response

In the event of successful validation of Operator and Player Details, the following success response is returned from the SecureTrading application:

```
{
  "returnCode":"INFO_PFO_00028",
  "returnMsg":"Please redirect the Player to register their card.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "responseToken":"p9aCl67wOANXXup9nfs2_z282Ubl7QMwtSG-_rSlw-8="
}
```

The table below lists all fields in the success response:

Response Field	Data Type	Field Length	Comment
----------------	-----------	--------------	---------

Name			
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 2</a> .

## Error Response

In the event of a failure in the Operator and Player Details check, the following error response is returned from the SecureTrading application:

```
{
  "returnCode": "ERR_PFO_00178",
  "returnMsg": "Site authentication failure.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00"
}
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and the [Card Management](#) module of the [Appendix](#) section.

### 5.1.1.2 Step 2 - Player Redirection

#### Description

The Operator redirects the Player to the SecureTrading application, passing in the **responseToken** from [Step 1](#) as the **requestToken** parameter that forms part of the redirect URL query string parameters.

The SecureTrading application validates the request details before displaying the Hosted Card Registration screen.

**Request Definition**

HTTPS Request Type	HTTPS Request URL
Method = GET	https://plyrcore.securetradinginc.net/securetrading/plyr/sthostedRegisterCard.htm?requestToken=value&language=value

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>requestToken</b>	Alphanumeric	<=64	Y	The responseToken generated in <a href="#">Step 1</a> is used as requestToken.
<b>language</b>	Alphanumeric	2	Y	The language in which the request is sent. The options are: en – English sp - Spanish

**Success Response**

In the event of successful validation of the **requestToken**, the following **Card Registration** screen is displayed to the player in the language requested:

**Card Details**

Please Select Card Type

Card Number \*
Security Code \*

Name of Card Holder \*

Expiry Date \*
MM
YYYY

☐ Make this my default card

**Card Billing Address**

☐ Same as Registered Address

123 johnsmith street

Apartment, Suite, Building

statename
cityname
1234

countynome

UNITED STATES

\* Mandatory Field
Submit

**Error Response**

In the event of a failure the Player is redirected back to the Operator **Card Registration Failure** URL and the error response is returned as part of the URL query string.

```
http://www.example.com/cardregistrationfailure.htm?returnCode=ERR_PFO_00116&responseToken=KtKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_t1=
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and the [Card Management](#) module of the [Appendix](#) section.

#### 5.1.1.3 Step 3 - Player Card Details Registration

##### Description

The player enters the details in the **Card Registration** screen as displayed in [Step 2](#) and clicks the **Submit** button.

##### Request Definition

Not Applicable

##### Success Response

In the event of successful verification of the card details the Player is redirected back to the Operator **Card Registration Success** URL and the **returnCode** and **responseToken** are returned as part of the URL query string.

```
http://www.example.com/cardregistrationsuccess.htm?returnCode=INFO_PFO_00016&responseToken=AOLGCBQznEBFUoHOF5PF4hWN2QOWP_TW8B5W3FbY5M=
```

The table below lists all fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading.

##### Error Response

In the event of a failure the Player is redirected back to the Operator **Card Registration Failure** URL and the error response is returned as part of the URL query string.

```
http://www.example.com/failure.htm?returnCode=ERR_PFO_00108&responseToken=LKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_mA=
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and the [Card Management](#) module of the [Appendix](#) section.

#### 5.1.1.4 Step 4 – Retrieve Card Registration Status

##### Description

As the data is stored by SecureTrading, if the Operator requires access to the data to update their systems with the card registration status, then it can be retrieved by sending a request to SecureTrading.

##### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	<a href="https://oprcore.securetradinginc.net/securetrading/opr/sthostedGetRegisteredCards.htm">https://oprcore.securetradinginc.net/securetrading/opr/sthostedGetRegisteredCards.htm</a>

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123789456245",
  "sitePwd": ")(*^%",
  "requestToken": "TTKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_KL="
}
```

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>requestToken</b>	Alphanumeric	<=64	Y	The <b>responseToken</b> generated in <a href="#">Step 4</a> success



				Response, and <a href="#">Step 2</a> , <a href="#">Step 3</a> , and <a href="#">Step 4</a> Error Responses is used as the <b>requestToken</b> .
--	--	--	--	---

### Success Response

In the event of successful retrieval of status of the card details, the following success response is returned from SecureTrading.

```
{
  "returnCode":"INFO_PFO_00029",
  "returnMsg":"Card details were fetched successfully.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "recordStatus":"Created"
}
```

The table below lists all fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Not Created', 'Updated', or 'Failed' in the SecureTrading application even if an error response is returned to the Operator.

### Error Response

In the event of a failure in retrieving the status, the following error response is returned from the SecureTrading application:

```
{
  "returnCode":"ERR_PFO_00178",
  "returnMsg":"Site authentication failure.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00"
}
```

```
{
  "returnCode":"ERR_PFO_00034",
  "returnMsg":"System Error - Unable to process request. Please contact SecureTrading Inc. Support.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00"
}
```

```
{
  "returnCode":"ERR_PFO_00110",
  "returnMsg":"System Error - Unable to contact acquirer, please contact SecureTrading Inc. Support.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00"
}
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and the [Card Management](#) module of the [Appendix](#) section.

## 5.2 Card Modification

This process allows a player to view and modify registered payment cards in the SecureTrading application.

A Hosted Player Payment Card modification is performed in the following sequence:

- **Validate Player and Operator Details** – The Operator submits the required authentication details to the SecureTrading application along with the username, connectionToken and sessionToken of the Player requesting to manage their payment cards. The Operator site, Workflow and Player details are validated using the details stored in the SecureTrading application and a **responseToken** is returned.
- **Player Redirection and Payment Card Retrieval** – The Operator redirects the Player to the SecureTrading application, passing in the **responseToken** from [Step 1](#) as the **requestToken** parameter that forms part of the redirect URL query string parameters. The SecureTrading application validates the request details before retrieving the Player's payment card details for display in the hosted Card Modification screen.
- **Update Payment Card Details** – The player selects a payment card to view or modify and updates the card details and provides the Security Code in the hosted Card Modification screen.

The player has the ability to update following details of any active card:

- a. Billing address.
- b. Expiry date (even if it has auto expired).
- c. Default Card Check Box (The player can check/uncheck the default card option).

Default cannot be deleted by the player.

- **Submit the Card Details** – The player submits the modified card details which are validated by SecureTrading application and a **responseToken** is returned to the Operator platform.

- **Retrieve Card Modification Status**-The Operator submits a request to the SecureTrading application to retrieve the status of the card modification, passing in the **responseToken** from [Step 4](#) and the SecureTrading application returns the relevant recordStatus to the Operator platform.



In Workflow 1 card details are not returned to the Operator, as such on the status of a card modification will be returned to the Operator platform in [Step 5](#).

### 5.2.1 Steps Involved

The Player Payment Card Management process is performed in the steps outlined below.

#### 5.2.1.1 Step 1 - Validate Player and Operator Details

##### Description

In order for a Player to manage their payment cards the Operator must first authenticate with the SecureTrading application. In addition to the Operator authentication information, the Operator must provide the **username**, **connectionToken** and **sessionToken** of the player making the request.

Upon receipt of the request the SecureTrading application validates the Operator Site and Workflow details using the details stored in the SecureTrading application and a **responseToken** is returned to the Operator. This check is performed to ensure that the Operator is registered with SecureTrading and that the SecureTrading application displays the relevant card management screens based on the Operator's selected workflow.



Operator should have an active **connectionToken** and **sessionToken**. The **connectionToken** and **sessionToken** will be generated during Player Validation. Please refer [Section 3.2.4](#) for the validation steps.

##### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	<a href="https://oprcore.securetradinginc.net/securetrading/opr/sthostedPreCheckSiteCardRequest.htm">https://oprcore.securetradinginc.net/securetrading/opr/sthostedPreCheckSiteCardRequest.htm</a>

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123789456245",
  "sitePwd": ")(*^%",
  "userName": "stevel",
  "accountType": "ECOM",
  "connectionToken": "6789ggfkhgdjbjkgfbkjgbkjbbhtr4",
```

```
"sessionToken": "200446"
}
```

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>userName</b>	Alphanumeric	<=25	Y	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>accountType</b>	Alphabetic	<=25	Y	accountType is the payment processing mode received by ST system from operator which is used by the acquirer during transaction authorization. The possible values for accountType are ; 1. ECOM - E-Commerce 2.MOTO - Mail Order/Telephone Order 3.CFT - CardHolder Fund Transfer
<b>connectionToken</b>	Alphanumeric	<=64	Y	Unique code identifying the player's connection which is generated by the SecureTrading application during the player validation process. This field is then required as a request parameter in any subsequent requests during the players session.

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>sessionToken</b>	Alphanumeric	<=64	Y	Unique code identifying the player's session which is generated by the SecureTrading application during the player validation process. This field is then required as a request parameter in any subsequent requests during the players session.

### Success Response

In the event of successful authentication of the Operator and the validation of the Player details, the following success response is returned from SecureTrading application:

```
{
  "returnCode":"INFO_PFO_00028",
  "returnMsg":"Please redirect the Player to register their card.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "responseToken":"J4OgyF64HMB-cxxAxzibA-jsql4nzYrr7khaCNEm1Pg="
}
```

The table below lists all fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 2</a> .

### Error Response

In the event of a failure to validate the Operator, Workflow or Player details, the following error response is returned from the SecureTrading application:

```
{
  "returnCode":"ERR_PFO_00178",
  "returnMsg":"Site authentication failure.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00"
}
```

The table below lists all fields in the errors response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and the [Card Management](#) module of the [Appendix](#) section.

#### 5.2.1.2 Step 2 - Player Redirection and Payment Card Retrieval

##### Description

The Operator redirects the Player to the SecureTrading application, passing in the **responseToken** from [Step 1](#) as the **requestToken** parameter that forms part of the redirect URL query string parameters.

The SecureTrading application validates the request details and retrieves the Player's registered payment card details before displaying the hosted Card Management screen.

##### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = GET	<code>https://plyrcore.securetradinginc.net/securetrading/plyr/sthostedManageRegisteredCards.htm?requestToken=value&amp;language=value</code>

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>requestToken</b>	Alphanumeric	<=64	Y	The responseToken generated in <a href="#">Step 1</a> is used as requestToken.
<b>language</b>	Alphanumeric	2	N	The language in which the request is sent. The options are: en – English sp - Spanish

##### Success Response

In the event of successful validation of the **requestToken** and the Player's payment card retrieval, the following **Card Management** screen is displayed to the player in the language requested:

**Card Management**

Card Number	Card Type	Expiry Date	Status	Street Address	City	State	Zip Code	Country	Default	Action
4000 00** **** 1331	VISA	06/2013	Active	123 lords street	BRIDGEPORT	NEW JERSEY	8014	UNITED STATES	<input checked="" type="radio"/>	

[+ Register New Card](#)

Save

## Error Response

In the event of a failure the Player is redirected back to the Operator **Card Modification Failure** URL and the error response is returned as part of the URL query string.

```
http://www.example.com/cardmodificationfailure.htm?returnCode=ERR PFO 00102&responseToken=KtKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_GH=
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and the [Card Management](#) module of the [Appendix](#) section.

### 5.2.1.3 Step 3 - Update Payment Card Details

#### Description

The player selects the Card to view or modify from the Card Management screen that is displayed in [Step 2](#) by clicking on the card number hyperlink.

#### Request Definition

Not Applicable

#### Success Response

On selection the card to be modified, the following Card Modification screen is displayed.

**Card Details**  

VISA

4000 00\*\* \*\*\*\* 1141

Security Code \*

JohnSmith

Expiry Date \*

01

2014

☒ Make this my default card

**Card Billing Address**  

☒ Same as Registered Address

KHANAPUR

12

8014

BRIDGEPORT,NJ

UNITED STATES

\* Mandatory Field

Submit

## Error Response

In the event of a failure the Player is redirected back to the Operator **Card Modification Failure** URL and the error response is returned as part of the URL query string.

```
http://www.example.com/cardmodificationfailure.htm?returnCode=ERR_PFO_00110&responseToken=JlKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_MB=
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading.





All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and the [Card Management](#) module of the [Appendix](#) section.

#### 5.2.1.4 Step 4 - Submit the Card Details in SecureTrading application

##### Description

The player modifies the selected card details in the Card Details screen that is displayed in [Step 3](#) and clicks the **Submit** button.

##### Request Definition

Not Applicable

##### Success Response

In the event of successful verification of the card details the Player is redirected back to the Operator **Card Modification Success** URL and the **returnCode** and **responseToken** are returned as part of the URL query string.

```
http://www.example.com/cardmodificationsuccess.htm?returnCode=INFO_PFO_00017&responseToken=PGLGCbQznEBFUoHOF5PF4hWN2QOWP_TWS8B5W3FbYPT=
```

The table below lists all fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading.

##### Error Response

In the event of a failure the Player is redirected back to the Operator **Card Modification Failure** URL and the error response is returned as part of the URL query string.

```
http://www.example.com/cardmodificationfailure.htm?returnCode=ERR_PFO_00521&responseToken=QAKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_FS=
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and the [Card Management](#) module of the [Appendix](#) section.

#### 5.2.1.5 Step 5 – Retrieve Card Modification Status

##### Description

As the data is stored by SecureTrading, if the Operator requires access to the data to update their systems with the card modification status, then it can be retrieved by sending a request to SecureTrading.

##### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	<a href="https://oprcore.securetradinginc.net/securetrading/opr/sthostedGetRegisteredCards.htm">https://oprcore.securetradinginc.net/securetrading/opr/sthostedGetRegisteredCards.htm</a>

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123789456245",
  "sitePwd": ") (*&^%",
  "userName": "steve1",
  "requestToken": "=TTKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_KL="
}
```

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>userName</b>	Alphanumeric	<=25	Y	The unique user name of

Field Name	Data Type	Field Length	Mandatory Field	Comment
				the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>requestToken</b>	Alphanumeric	<=64	Y	The <b>responseToken</b> generated in <a href="#">Step 4</a> success Response, and <a href="#">Step 2</a> , <a href="#">Step 3</a> , and <a href="#">Step 4</a> Error Responses is used as the <b>requestToken</b> .

### Success Response

In the event of successful retrieval of status of the card details, the following success response is returned from SecureTrading.

```
{
  "returnCode":"INFO_PFO_00029",
  "returnMsg":"Card details were fetched successfully.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "recordStatus":"Created"
}
```

The table below lists all fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Not Created', 'Updated', or 'Failed' in the SecureTrading application even if an error response is returned to the Operator.

### Error Response

In the event of a failure in retrieving the status, the following error response is returned from the SecureTrading application:

```
{
  "returnCode":"ERR_PFO_00178",
  "returnMsg":"Site authentication failure.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00"
}
```

Or,

```
{
  "returnCode":"ERR_PFO_00034",
  "returnMsg":"System Error - Unable to process request. Please
  contact SecureTrading Inc. Support.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00"
}
```

Or,

```
{
  "returnCode":"ERR_PFO_00110",
  "returnMsg":"System Error - Unable to contact acquirer, please
  contact SecureTrading Inc. Support.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00"
}
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and the [Card Management](#) module of the [Appendix](#) section.

## 6 Account Management (Hosted)

The Account Management process allows Players to register one account number within the SecureTrading application for the purpose of depositing and withdrawal of funds into the Player's account. The player can register only one account with SecureTrading application.

The following two tasks are performed under the Account Management process:

1. Account Registration
2. Deleting Account Details



It is necessary that the player is validated and has an active connection token before the player modifies the details. For more information on player validation and active connection token, see [Player Validation](#) module.

### 6.1 Account Registration

A Hosted Player Payment Account Registration is performed in the following sequence:

- **Validate Player and Operator Details** – The Operator submits the required authentication details to the SecureTrading application along with the username, connectionToken and sessionToken of the Player registering the Account number. The Operator site, Workflow and Player details are validated using the details stored in the SecureTrading application and a **responseToken** is returned.
- **Player Redirection** -The Operator redirects the Player to the SecureTrading application, passing in the **responseToken** from [Step 1](#) as the **requestToken** parameter that forms part of the redirect URL query string parameters. The SecureTrading application validates the request details before displaying the Hosted Account Registration screen.
- **Player Account Details Registration** – The Player enters their Account details in the Account Registration screen and upon submission, the Account details are validated by the SecureTrading application and a **responseToken** is returned to the Operator platform.
- **Retrieve Player Account Registration Status** - The Operator submits a request to the SecureTrading application to retrieve the status of the Account registration by passing in the **responseToken** from [Step 3](#) and the SecureTrading application returns the relevant recordStatus to the Operator platform.

#### 6.1.1 Steps Involved

Player payment Account registration is performed in the steps outlined below.

##### 6.1.1.1 Step 1 - Validate Player and Operator Details

## Description

In order for a Player to register an Account number the Operator must first authenticate with the SecureTrading application as well as supply the details of the player registering an Account number.

On receipt of the request the SecureTrading application validates the Operator Site, Workflow and Player details using the details stored in the SecureTrading application and a **responseToken** is returned to the Operator.



Operator should have an active **connectionToken** and **sessionToken**. The **connectionToken** and **sessionToken** will be generated during Player Validation. Please refer [Section 3.2.4](#) for the validation steps.

## Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	<code>https://oprcore.securetradinginc.net/securetrading/opr/sthostedPreCheckSiteAccountRequest.htm</code>

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123789456245",
  "sitePwd": ")(*^%",
  "userName": "johnsmith1",
  "accountType": "ACH",
  "connectionToken": "653be279f22dede9310237db59525bd778523e429b7cdd965f092bba916a0ca1",
  "sessionToken": "200446",
  "atmVerify": "Y"
}
```

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is

Field Name	Data Type	Field Length	Mandatory Field	Comment
				generated by the SecureTrading application while registering the Operator.
<b>userName</b>	Alphanumeric	<=25	Y	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>accountType</b>	Alphabetic	<=25	Y	accountType is the payment processing mode received by ST system from operator which is used by the acquirer during transaction authorization. The possible values for accountType are ; 1. ECOM - E-Commerce 2.MOTO - Mail Order/Telephone Order 3.CFT - CardHolder Fund Transfer 4.ACH –Automated Clearing House
<b>connectionToken</b>	Alphanumeric	<=64	Y	Unique code identifying the player's connection which is generated by the SecureTrading application during the player validation process. This field is then required as a request parameter in any subsequent requests during the players session.
<b>sessionToken</b>	Alphanumeric	<=64	Y	Unique code identifying the player's session which is generated by the SecureTrading application during the player validation process. This field is then required as a request parameter in any subsequent requests during the players session.
<b>atmVerify</b>	Alphabetic	1	Y	ACH Verify verifies the account number with its database. The responses from ACH Verify are <ul style="list-style-type: none"> <li>• NEG – Negative Response</li> <li>• UNK – Unknwon Response</li> </ul>

Field Name	Data Type	Field Length	Mandatory Field	Comment
				<ul style="list-style-type: none"> <li>POS – Positive Response.</li> </ul> <p>atmVerify values</p> <p>Y- ATM Verify check will be performed.</p> <p>N- ATM Verify check will not be performed.</p>

### Success Response

In the event of successful validation of Operator and Player Details, the following success response is returned from the SecureTrading application:

```
{
  "returnCode":"INFO_PFO_00034",
  "returnMsg":"Please redirect the Player to register their account.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "responseToken":"p9aCl67wOANXXup9nfs2_z282Ubl7QMWtSG-_rSlw-8="
}
```

The table below lists all fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 2</a> .

### Error Response

In the event of a failure in the Operator and Player Details check, the following error response is returned from the SecureTrading application:

```
{
  "returnCode":"ERR_PFO_00178",
  "returnMsg":"Site authentication failure.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00"
}
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
---------------------	-----------	--------------	---------



<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and the [Account Management](#) module of the [Appendix](#) section.

#### 6.1.1.2 Step 2 - Player Redirection

##### Description

The Operator redirects the Player to the SecureTrading application, passing in the **responseToken** from [Step 1](#) as the **requestToken** parameter that forms part of the redirect URL query string parameters.

The SecureTrading application validates the request details before displaying the Hosted Account Registration screen.

##### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = GET	<code>https://plyrcore.securetradinginc.net/securetrading/plyr/sthostedRegisterAccount.htm?requestToken=value&amp;language=value</code>

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>requestToken</b>	Alphanumeric	<=64	Y	The responseToken generated in <a href="#">Step 1</a> is used as requestToken.
<b>language</b>	Alphanumeric	2	Y	The language in which the request is sent. The options are: en – English sp - Spanish

##### Success Response

In the event of successful validation of the **requestToken**, the following **Account Registration** screen is displayed to the player in the language requested:

**Account Details**

Account Type \*

Account Number \*

ABA Number \*

Name of Bank \*

\* Mandstory Field

Submit

## Error Response

In the event of a failure the Player is redirected back to the Operator **Account Registration Failure** URL and the error response is returned as part of the URL query string.

```
http://www.example.com/accountregistrationfailure.htm?returnCode=ERR_PFO_00232&responseToken=KtKXLG4E3zrMKFcTfOqbAao2c3gXA_tl=
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and the [Account Management](#) module of the [Appendix](#) section.

### 6.1.1.3 Step 3 - Player Account Details Registration

#### Description

The player enters the details in the **Account Registration** screen as displayed in [Step 2](#) and clicks the **Submit** button.

#### Request Definition

Not Applicable

#### Success Response

In the event of successful verification of the account details the Player is redirected back to the Operator **Account Registration Success** URL and the `returnCode` and `responseToken` are returned as part of the URL query string.

```
http://www.example.com/accountregistrationsuccess.htm?returnCode=INFO_PFO_00033&responseToken=AOLGCBQznEBWN2QWP_TWS8B5W3FbY5M=
```

The table below lists all fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<code>returnCode</code>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<code>responseToken</code>	Alphanumeric	<=64	Unique identification code returned from SecureTrading.

### Error Response

In the event of a failure the Player is redirected back to the Operator **Account Registration Failure** URL and the error response is returned as part of the URL query string.

```
http://www.example.com/failure.htm?returnCode=ERR_PFO_00234&responseToken=LKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_mA=
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<code>returnCode</code>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<code>responseToken</code>	Alphanumeric	<=64	Unique identification code returned from SecureTrading.



All of the possible `returnCode` and `returnMsg` values that are returned from the SecureTrading application are listed in the [Common](#) and the [Account Management](#) module of the [Appendix](#) section.

#### 6.1.1.4 Step 4 - Retrieve Account Registration Status

##### Description

As the data is stored by SecureTrading, if the Operator requires access to the data to update their systems with the Account registration status, then it can be retrieved by sending a request to SecureTrading.

##### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	<code>https://oprcore.securetradinginc.net/securetrading/opr/sthotedGetRegisteredAccounts.htm</code>

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123789456245",
  "sitePwd": ")(*^%",
  "requestToken": "TTKXLG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_KL="
}
```

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>requestToken</b>	Alphanumeric	<=64	Y	The <b>responseToken</b> generated in <a href="#">Step 4</a> success Response, and <a href="#">Step 2</a> , <a href="#">Step 3</a> , and <a href="#">Step 4</a> Error Responses is used as the <b>requestToken</b> .

### Success Response

In the event of successful retrieval of status of the account details, the following success response is returned from SecureTrading.

```
{
  "returnCode": "INFO_PFO_00036",
  "returnMsg": "Account details were fetched successfully.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00",
  "recordStatus": "Created"
}
```

The table below lists all fields in the success response:

Response Field	Data Type	Field	Comment
----------------	-----------	-------	---------

Name		Length	
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Not Created', 'Updated', or 'Failed' in the SecureTrading application even if an error response is returned to the Operator.

### Error Response

In the event of a failure in retrieving the status, the following error response is returned from the SecureTrading application:

```
{
  "returnCode": "ERR_PFO_00178",
  "returnMsg": "Site authentication failure.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00"
}
```

Or,

```
{
  "returnCode": "ERR_PFO_00210",
  "returnMsg": "Invalid requestToken.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00"
}
```

Or,

```
{
  "returnCode": "ERR_PFO_00014",
  "returnMsg": "Invalid request format.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00"
}
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and the [Account Management](#) module of the [Appendix](#) section.

## 6.2 Account Deletion

This process allows a player to delete a registered payment accounts in the SecureTrading application.

A Hosted Player Payment Account deletion is performed in the following sequence:

1. **Validate Player and Operator Details** – The Operator submits the required authentication details to the SecureTrading application along with the username, connectionToken and sessionToken of the Player requesting to delete their payment accounts. The Operator site, Workflow and Player details are validated using the details stored in the SecureTrading application and a **responseToken** is returned.
2. **Player Redirection and Payment Account Retrieval** – The Operator redirects the Player to the SecureTrading application, passing in the **responseToken** from [Step 1](#) as the **requestToken** parameter that forms part of the redirect URL query string parameters. The SecureTrading application validates the request details before retrieving the Player's payment account details for display in the hosted account Details screen.
3. **Delete Payment Account Details** – The player deletes the account details in the hosted Account Details screen.

### 6.2.1 Steps Involved

The Player Payment Account Deletion process is performed in the steps outlined below.

#### 6.2.1.1 Step 1 - Validate Player and Operator Details

##### Description

In order for a Player to delete their payment accounts the Operator must first authenticate with the SecureTrading application. In addition to the Operator authentication information, the Operator must provide the **username**, **connectionToken** and **sessionToken** of the player making the request.

Upon receipt of the request the SecureTrading application validates the Operator Site and Workflow details using the details stored in the SecureTrading application and a **responseToken** is returned to the Operator. This check is performed to ensure that the Operator is registered with SecureTrading and that the SecureTrading application displays the relevant account details screen based on the Operator's selected workflow.



Operator should have an active **connectionToken** and **sessionToken**. The **connectionToken** and **sessionToken** will be generated during Player Validation. Please refer [Section 3.2.4](#) for the validation steps.

##### Request Definition

HTTPS Request Type	HTTPS Request URL
--------------------	-------------------

Method = POST, Restful JSON Request	https://oprcore.securetradinginc.net/securetrading/opr/sthostedPreCheckSiteAccountRequest.htm
---	---

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123789456245",
  "sitePwd": ")(*^%",
  "userName": "stevel",
  "accountType": "ACH",
  "connectionToken": "6789ggfkhgdjbjkgfbkjgbkjbbhtr4",
  "sessionToken": "200446",
  "atmVerify": "Y"
}
```

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>userName</b>	Alphanumeric	<=25	Y	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>accountType</b>	Alphabetic	<=25	Y	accountType is the payment processing mode received by ST system from operator which is used by the acquirer during transaction authorization. The possible values for accountType are ;

Field Name	Data Type	Field Length	Mandatory Field	Comment
				1. ECOM - E-Commerce 2. MOTO - Mail Order/Telephone Order 3. CFT - CardHolder Fund Transfer 4. ACH-Automated Clearing House
<b>connectionToken</b>	Alphanumeric	<=64	Y	Unique code identifying the player's connection which is generated by the SecureTrading application during the player validation process. This field is then required as a request parameter in any subsequent requests during the players session.
<b>sessionToken</b>	Alphanumeric	<=64	Y	Unique code identifying the player's session which is generated by the SecureTrading application during the player validation process. This field is then required as a request parameter in any subsequent requests during the players session.
<b>atmVerify</b>	Alphabetic	1	Y	ACH Verify verifies the account number with its database. The responses from ACH Verify are <ul style="list-style-type: none"> <li>• NEG – Negative Response</li> <li>• UNK – Unknwon Response</li> <li>• POS – Positive Response.</li> </ul> atmVerify values  Y- ATM Verify check will be performed.  N- ATM Verify check will not be performed.

### Success Response

In the event of successful authentication of the Operator and the validation of the Player details, the following success response is returned from SecureTrading application:

```
{
  "returnCode":"INFO_PFO_00034",
  "returnMsg":"Please redirect the Player to register their account.",
}
```



```
"stTimeStamp": "2000-12-31T23:59:59.999+01:00",  
"responseToken": "J4OgyF64HMB-cxxAxzibA-jsql4nzYrr7khaCNEm1Pg="
```

The table below lists all fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 2</a> .

### Error Response

In the event of a failure to validate the Operator, Workflow or Player details, the following error response is returned from the SecureTrading application:

```
{  
  "returnCode": "ERR_PFO_00178",  
  "returnMsg": "Site authentication failure.",  
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00"  
}
```

The table below lists all fields in the errors response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and the [Account Management](#) module of the [Appendix](#) section.

### 6.2.1.2 Step 2 - Player Redirection and Payment account Retrieval

#### Description

The Operator redirects the Player to the SecureTrading application, passing in the **responseToken** from [Step 1](#) as the **requestToken** parameter that forms part of the redirect URL query string parameters.

The SecureTrading application validates the request details and retrieves the Player's registered payment account details before displaying the hosted Account Details screen.

The Player can only delete an account.

#### Request Definition


HTTPS Request Type	HTTPS Request URL
Method = GET	https://plyrcore.securetradinginc.net/securetrading/plyr/sthostedManageRegisteredAccounts.htm?requestToken=value&language=value

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>requestToken</b>	Alphanumeric	<=64	Y	The responseToken generated in <a href="#">Step 1</a> is used as requestToken.
<b>language</b>	Alphanumeric	2	N	The language in which the request is sent. The options are: en – English sp - Spanish

#### Success Response

In the event of successful validation of the **requestToken** and the Player's payment account retrieval, the following **Account Details** screen is displayed to the player in the language requested:

Account Management				
Account Number	Account Type	ABA Number	Name of the Bank	Action
123456789	Savings	123456789	FIRST BANK	

#### Error Response

In the event of a failure the Player is redirected back to the Operator **Account Modification Failure** URL and the error response is returned as part of the URL query string.

```
http://www.example.com/accountmodificationfailure.htm?returnCode=ERR_PFO_00241&responseToken=KtKXLG4ERegHCQ_jAdcTfOqbAao2c3gXA_GH=
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and the [Account Management](#) module of the [Appendix](#) section.

#### 6.2.1.3 Step 3 - Delete Payment Account Details

##### Description

The player deletes the Account from the Account Details screen that is displayed in [Step 2](#).


##### Request Definition

Not Applicable

##### Success Response

On deleting the account, the following Alert message is displayed.

**Account Management**

Account Number	Account Type	ABA Number	Name of the Bank	Action
123456789	Savings	123456789	FIRST BANK	



Are you sure you wish to delete the selected Account?

Yes

No

**Error Response**

Not Applicable



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and the [Account Management](#) module of the [Appendix](#) section.

## 7 Transaction

The Hosted Transaction process allows the Operator to submit following types of Player transactions:

1. Deposit
2. Withdrawal
3. Refund
4. Reversal

Each of the above transactions is discussed in the sections below.



It is necessary that the player is validated and has an active connection token and session Id before the player performs any transaction. For more information on player validation and active connection token, see [Player Validation](#) module.

### 7.1 Deposit

A Hosted Deposit Transaction is performed in the following sequence:

- **Validate Player and Operator Details** – The Operator submits the required authentication details to the SecureTrading application along with the username, connectionToken, sessionToken and amount (Optional) of the Player performing the deposit. In addition operator submits the Geo Comply encrypted packet if Geo Comply check option is configured as API while setting up an operator. The Operator Site, Geo Comply details and Player details are validated using the details stored in the SecureTrading application and a **responseToken** is returned as a success response.
- **Player Redirection and Deposit Screen Display** - The Operator redirects the Player to the SecureTrading application, passing in the **responseToken** from [Step 1](#) as the **requestToken** parameter that forms part of the redirect URL query string parameters. The SecureTrading application performs Geo Comply check if it is configured as Plugin while setting up an operator and validates the request details before displaying the Hosted Deposit screen.
- **If the Operator has not submitted the amount in the first request:** The Player selects their preferred card or account (or registers a new payment card or new account) as well as the required deposit amount and submits the deposit. The deposit details are validated and a responseToken is returned to the Operator platform and Step 3 is performed.
- **If the Operator had submitted the amount in the first request:** The Player selects their preferred card or account (or registers a new payment card or new account) and submits the deposit. The deposit details are validated and a responseToken is returned to the Operator platform and Step 3 is performed.
- **Submits Deposit-** The deposit details provided in [Step 2](#) are validated and a **responseToken** is returned to the Operator platform.
- **Retrieve Transaction Details** – The Operator submits a request to the SecureTrading application to retrieve the player transaction details, passing in the **responseToken** from [Step 3](#) and the SecureTrading application returns the relevant transaction details to the Operator.

### 7.1.1 Steps Involved in Deposit using Card Management Module

A Player Deposit transaction through a registered card is performed in the steps outlined below.

#### 7.1.1.1 Step 1 - Validate Player and Operator Details

##### Description

In order for a Player to submit a deposit, the Operator must first authenticate with the SecureTrading application as well as supply the details of the player making the deposit.

In addition the operator can also send the Amount which needs to be deposited by the player. In this case the player will not be allowed to enter the amount.

The Operator can also opt for Deposit signature hash password feature to send the amount or any other fields in a secure way. This feature needs to be configured while setting up an operator site. In addition the operator should send Hashtimestamp and deposit signature hashpassword to secureTrading application in which deposit signature hashpassword should contain the encoded SHA format of the opted fields.

The below check will be performed before performing a deposit.

- **Geo Comply Check (API)** – The geo Comply encrypted packet provided by the operator will be validated against the Encryption key and Encryption IV formats and fetches the Geo Comply check result. Based on the player IP location, the SecureTrading application verifies the exact player location. The Encryption key and Encryption IV should be configured while setting up an Operator.

On receipt of both the request the SecureTrading application validates the Operator Site, Workflow and Player details using the details stored in the SecureTrading application and a responseToken is returned to the Operator as a success response.

##### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	<a href="https://oprcore.securetradinginc.net/securetrading/opr/sthotedPreCheckDepositRequest.htm">https://oprcore.securetradinginc.net/securetrading/opr/sthotedPreCheckDepositRequest.htm</a>

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123789456245",
  "sitePwd": ")(*&^%",
  "geoComplyEncryptedPacket": "ZsUiDymAiyVr/CGEDzr7tveVE=",
  "depositDetails": {
    "userName": "johnsmith1",
    "connectionToken": "6789gfgdfhgdfgdfghhtr4",
    "sessionToken": "200446",
    "orderReference": "1234",
    "accountType": "ECOM",
    "currency": "USD",
```

```
    "transactionType": "DEPOSIT",
    "threeDFlag": "TRUE"
  }
}
```

Or,

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123789456245",
  "sitePwd": ")(*&^%",
  "depositDetails": {
    "userName": "johnsmith1",
    "connectionToken": "6789gfgdfhgdfgdfghhtr4",
    "sessionToken": "200446",
    "orderReference": "1234 ",
    "accountType": "ECOM",
    "currency": "USD",
    "transactionType": "DEPOSIT",
    "threeDFlag": "FALSE"
  }
}
```

Or,

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123789456245",
  "sitePwd": ")(*&^%",
  "depositDetails": {
    "userName": "johnsmith1",
    "connectionToken": "6789gfgdfhgdfgdfghhtr4",
    "sessionToken": "200446",
    "orderReference": "1234 ",
    "accountType": "ECOM",
    "currency": "USD",
    "transactionType": "DEPOSIT"
  }
}
```

#### If the Operator sends the Amount in first request

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123789456245",
  "sitePwd": ")(*&^%",
  "depositDetails": {
    "userName": "johnsmith1",
    "connectionToken": "6789gfgdfhgdfgdfghhtr4",
    "sessionToken": "200446",
    "orderReference": "1234 ",
    "accountType": "ECOM",

```

```

    "currency": "USD",
    "transactionType": "DEPOSIT",
    "threeDFlag": "TRUE",
    "amount": "100"
  }
}

```

Or,

```

{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123789456245",
  "sitePwd": ")(*^%",
  "depositDetails": {
    "userName": "johnsmith1",
    "connectionToken": "6789gfgdfhgdfgdfghhtr4",
    "sessionToken": "200446",
    "orderReference": "1234",
    "accountType": "ECOM",
    "currency": "USD",
    "transactionType": "DEPOSIT",
    "threeDFlag": "FALSE",
    "amount": "100",
    "hashTimeStamp": "2013-09-20T18:59:03",
    "depositSignature": "2375baab68cd1298d173d9"
  }
}

```

Or,

```

{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123789456245",
  "sitePwd": ")(*^%",
  "depositDetails": {
    "userName": "johnsmith1",
    "connectionToken": "6789gfgdfhgdfgdfghhtr4",
    "sessionToken": "200446",
    "orderReference": "1234 ",
    "accountType": "ECOM",
    "currency": "USD",
    "transactionType": "DEPOSIT",
    "amount": "100",
    "hashTimeStamp": "2013-09-20T18:59:03",
    "depositSignature": "2375baab68cd1298d173d9"
  }
}

```

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the



Field Name	Data Type	Field Length	Mandatory Field	Comment
				SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>geoComplyEncryptedPacket</b>	Alphanumeric		Y – If Geo Comply check option is selected as API	The encrypted packet which contains the results of the already performed Geo Comply check for the player.
<b>depositDetails:</b>				
<b>userName</b>	Alphanumeric	<=25	Y	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>connectionToken</b>	Alphanumeric	<=64	Y	Unique code identifying the player's connection which is generated by the SecureTrading application during the player validation process. This field is then required as a request parameter in any subsequent requests during the players session.
<b>sessionToken</b>	Alphanumeric	<=64	Y	Unique code identifying the player's session which is generated by the SecureTrading application during the player validation process. This field is then required as a request parameter in any subsequent requests during the players session.

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>orderReference</b>	Alphanumeric	999	N	The reference number generated by the Operator for the deposit transaction. This number is referenced when the Operator retrieves the transaction details in <a href="#">Step 4</a> .
<b>accountType</b>	Alphabetic	<=25	Y	accountType is the payment processing mode received by ST system from operator which is used by the acquirer during transaction authorization. The possible values for accountType are ; 1. ECOM - E-Commerce 2.MOTO - Mail Order/Telephone Order 3.CFT - CardHolder Fund Transfer
<b>currency</b>	Alphanumeric	3	Y	The currency code in ISO format, for example USD for US dollars. If the Operator is unsure which currencies they can process, contact SecureTrading Inc. Support. For a list of currency codes, see <a href="#">Appendix B</a> .
<b>transactionType</b>	Alphanumeric	10	Y	It is the Type of transaction performed by the player. For this request the transactionType would be "Deposit".
<b>threeDFlag</b>	Boolean TRUE or FALSE	5	N	Flag to perform 3D authentication of the card and account for the transaction. The possible values are: <ul style="list-style-type: none"> <li>true: 3-D secure authentication is performed on the player card or account.</li> <li>false: 3-D secure authentication is not performed on the player card or account.</li> </ul>
<b>amount</b>	Numeric	12	N	The amount to be deposited by the player. The value is displayed in base units, for example \$10.00 will be submitted as 1000.

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>depositSignature</b>	Alphanumeric		N	Hashed SHA format for configured fields by the operator.

### Success Response

In the event of a successful validation of Operator and Player Details, the following success response is returned from the SecureTrading application:

```
{
  "returnCode":"INFO_PFO_00027",
  "returnMsg":"Please redirect the Player for payment.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "responseToken":"9TPmSVYF70TVrzJeKnZjV08XKtnrIXP4QG2xdgf20QA="
}
```

The table below lists all fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 2</a> .

### Error Response

In the event of a failure in validating the Operator and Player Details, the following error response is returned from the SecureTrading application:

```
{
  "returnCode":"ERR_PFO_00001",
  "returnMsg":"Validation Failure - Field validation failure. Please see validationErrors for more details.",
  "stTimeStamp":"2013-04-09T17:18:10.277+05:30",
  "recordStatus":"Failed",
  "validationErrors":
    [
      {
        "validationField":"siteUsername",
        "validationError":"Invalid siteUserName."
      }
    ]
}
```

Or,

```
{
  "recordStatus": "Failed",
  "returnCode": "ERR_PFO_00178",
  "returnMsg": "No Valid GeoComply Key was provided or key return no data",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00"
}
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Transaction](#) module of the [Appendix](#) section.

#### 7.1.1.2 Step 2 – Player Redirection and Deposit Screen Display.

##### Description

The Operator redirects the Player to the SecureTrading application, passing in the **responseToken** from [Step 1](#) as the **requestToken** parameter that forms part of the redirect URL query string parameters.

- **Geo Comply Check** - Based on the player IP location, the SecureTrading application verifies the exact player location.

The Deposit screen won't be displayed to the player if he/she fails Geo Comply check.

The SecureTrading application validates the request details and performs Geo Comply Check before displaying the Hosted Deposit screen.

##### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = GET	<code>https://plyrcore.securetradinginc.net/securetrading/plyr/sthostedPlayerDeposit.htm?requestToken=value&amp;language=value</code>

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory	Comment
------------	-----------	--------------	-----------	---------

<b>requestToken</b>	Alphanumeric	<=64	Y	The responseToken generated in <a href="#">Step 1</a> is used as requestToken.
<b>language</b>	Alphanumeric	2	N	The language in which the request is sent. The options are: en – English sp - Spanish

### Success Response

In the event of successful validation of the **requestToken**, the SecureTrading application retrieves the Player's registered payment cards if the Player has not yet registered a card the following screen is displayed in the language requested:

**Deposit**

or

**Card Details**

Please Select Card Type

"/>

Expiry Date \*

MM

YYYY

☒ Make this my default card

**Card Billing Address**

☐ Same as Registered Address

\* Mandatory Field

If the Operator has submitted the amount in the first request with signature hashpassword and if the Player has not yet registered a card the following screen is displayed in the language requested:

**Deposit**

\$10

**Card Details**

Please Select Card Type

Card Number \*Security Code \*?

Name of Card Holder \*

Expiry Date \*MMYY

☒ Make this my default card

**Card Billing Address**

☒ Same as Registered Address

2015 20TH ST

Apartment, Suite, Building

ALABAMAABERNANT7867

UNITED STATES

\* Mandatory Field

Submit

If the Player has at least one registered card in the system the following screen is displayed in the language requested:

**Deposit**

\$10

\$20

\$50

\$100

\$250

\$500

or

Deposit Amount \*

**Card Details**

400000\*\*\*\*\*1331[Default]

▼

Security Code \*

?

Card Type:

VISA

Name of Card Holder:

Johnsmith

Expiry Date:

06/2013

+ Register New Card

\* Mandatory Field

Submit

If the Operator has submitted the amount in the first request and if the Player has already registered a card the following screen is displayed in the language requested:

**Deposit**

\$10

**Card Details**

400000\*\*\*\*\*1331[Default]

▼

Security Code \*

?

Card Type:

VISA

Name of Card Holder:

Johnsmith

Expiry Date:

06/2013

+ Register New Card

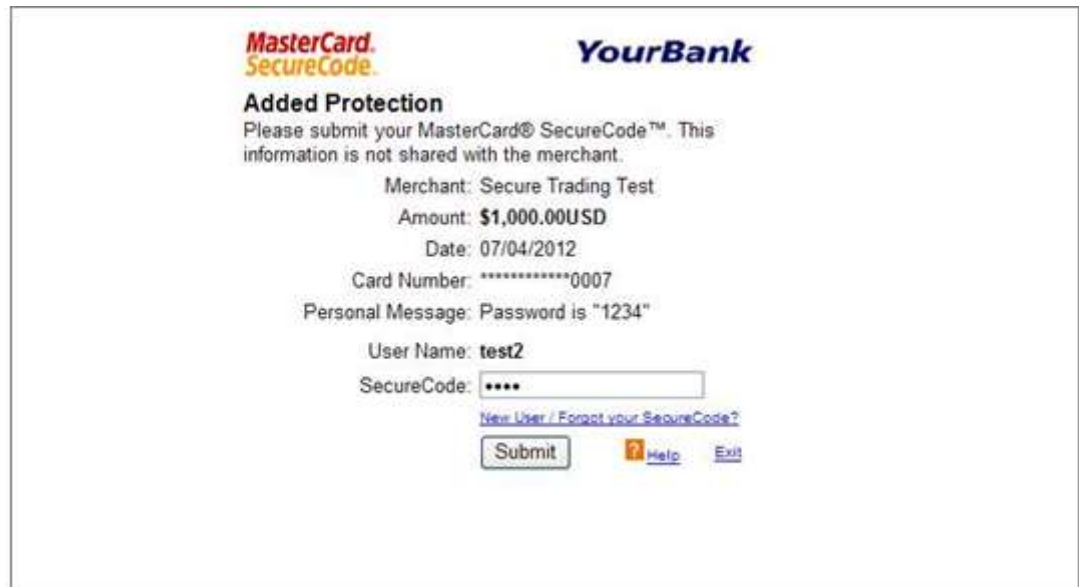
\* Mandatory Field

Submit

The player specifies the amount to be deposited in the respective screen and clicks Submit. If the player payment card is not enrolled with 3D Secure then [Step 3](#) is performed.

Or,

If the player payment card is enrolled with 3D Secure, then the following screen is displayed to the player by the third-party or the card issuer bank:



The image shows a MasterCard SecureCode authentication screen. At the top, it displays the MasterCard SecureCode logo on the left and 'YourBank' on the right. Below the logo, the text 'Added Protection' is followed by a request to submit the SecureCode, noting that this information is not shared with the merchant. Transaction details are listed: Merchant (Secure Trading Test), Amount (\$1,000.00USD), Date (07/04/2012), Card Number (\*\*\*\*\*0007), and a Personal Message (Password is "1234"). The User Name is 'test2'. A SecureCode field is shown with four asterisks. At the bottom, there is a 'Submit' button, a 'New User / Forgot your SecureCode?' link, and 'Help' and 'Exit' links.

The player enters the card authentication password and clicks the Submit button.

### Error Response

In the event of a failure the Player is redirected back to the Operator **Deposit Failure** URL and the error response is returned as part of the URL query string.

```
http://www.example.com/depositfailure.htm?returnCode=ERR_PFO_00126
```

The table below lists the field in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Transaction](#) module of the [Appendix](#) section.

#### 7.1.1.3 Step 3 - Submit Deposit

##### Description

On successful third-party authentication or successful deposit performed in [Step 2](#), the Player is redirected to the SecureTrading application using the following HTTPS request and the deposit transaction is performed.



**Request Definition**

NA

**Success Response**

In the event of successful verification of the deposit the Player is redirected back to the Operator **Deposit Success** URL and the **returnCode** and **responseToken** are returned as part of the URL query string.

```
http://example.com/depositsuccess.htm?returnCode=INFO_PFO_00024  
&responseToken=DLN085pJ7gTT-NBPqlqi2GnGqdDirCQOdnkWZqHZ1cg=
```

The table below lists all the fields in success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 4</a> .

## Error Response

In the event of a failure the Player is redirected back to the Operator **Deposit Failure** URL and the error response is returned as part of the URL query string.

```
http://www.example.com/depositfailure.htm?returnCode=ERR_PFO_00110&responseToken=DLN085pJ7gTTNBPqlqi2GnGqdDirCQOdnkWZqHZ1cg=
```

The table below lists all the fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 4</a> .



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Transaction](#) module of the [Appendix](#) section.

### 7.1.1.4 Step 4 - Retrieve Transaction Details

#### Description

After the Player is redirected back to the Operator platform, if the Operator wishes to retrieve the deposit transaction, the Operator can submit a request to retrieve the details.

On receipt of the request the SecureTrading application authenticates the Operator and validates that the **requestToken** is associated with the Operator, the type of request and that it matches the relevant **responseToken**. Once the requested is verified, the associated deposit transaction is returned in the response to the Operator.

#### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	<code>https://oprcore.securetradinginc.net/securetrading/opr/sthosedGetTransactionDetails.htm</code>

A sample JSON Request body is included below:

```
{
  "operatorId": "111",
  "siteId": "122",
  "siteUsername": "123789456245",
  "sitePwd": ")(*^%",
  "requestToken": "ABMXKG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_XX"
}
```

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>requestToken</b>	Alphanumeric	<=64	Y	The responseToken generated in <a href="#">Step 3</a> is used as the requestToken.

### Success Response

In the event of successful retrieval, the following success response is returned from SecureTrading application.

```
{
  "returnCode":"INFO_PFO_00023",
  "returnMsg":"Request processed successfully.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "depositDetails":
  {
    "accountType":"ECOM",
    "amount":"5000000",
    "authCode":"596471",
    "cardToken":"iGNNfNgSxshlv4wbcY9zIw-Wmlw=",
    "cardType":"VISA",
    "currency":"USD",
    "eciFlag":"05",
    "enrolled":"Y",
    "expiryDate":"01/2014",
    "last4DigitsOfCard":"1281",
    "liveStatus":true,
    "operatorId":"120",
    "orderReference":"1234",
    "paresStatus":"Y",
    "recordStatus":"Created",
    "returnCode":"INFO_PFO_00024",
    "returnMsg":"Player has successfully registered their card and a Deposit was successfully processed.",
    "securityResponseAVS":"A",
    "securityResponseCVV2":"N",
  }
}
```

```
    "signVerification":"Y",
    "siteId":"120",
    "stTimeStamp":"2013-04-16T16:15:05.885+05:30",
    "stTransactionNo":"1000010087",
    "threeDTransactionType":"C",
    "transactionDate":"2013-04-16T16:15:05.885+05:30",
    "transactionType":"DEPOSIT",
    "userName":"johnsmith1"
  }
}
```

Or,

```
{
  "returnCode":"INFO_PFO_00023",
  "returnMsg":"Request processed successfully.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "depositDetails":
  {
    "accountType":"ECOM",
    "amount":"600000",
    "authCode":"422777",
    "cardToken":"iGNNfNgSxshlv4wbY9zIw-Wmlw=",
    "cardType":"VISA",
    "currency":"USD",
    "expiryDate":"01/2015",
    "last4DigitsOfCard":"1281",
    "liveStatus":true,
    "operatorId":"120",
    "orderReference":"1234",
    "recordStatus":"Created",
    "returnCode":"INFO_PFO_00024",
    "returnMsg":"Player has successfully registered their
card and a Deposit was successfully processed.",
    "securityResponseAVS":"A",
    "securityResponseCVV2":"N",
    "siteId":"120",
    "stTimeStamp":"2013-04-16T16:18:12.419+05:30",
    "stTransactionNo":"1000010089",
    "transactionDate":"2013-04-16T16:18:12.419+05:30",
    "transactionType":"DEPOSIT",
    "userName":"johnsmith1"
  }
}
```

Or,

```
{
  "returnCode":"INFO_PFO_00023",
  "returnMsg":"Request processed successfully.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "depositDetails":
  {
    "accountType":"ECOM",
    "amount":"1000000",
    "authCode":"775656",
    "currency":"USD",
    "eciFlag":"05",
    "enrolled":"Y",
    "liveStatus":true,
    "operatorId":"120",
```

```

"orderReference": "1234",
"paresStatus": "Y",
"recordStatus": "Created",
"returnCode": "INFO_PFO_00020",
"returnMsg": "Deposit processed successfully.",
"securityResponseAVS": "A",
"securityResponseCVV2": "N",
"signVerification": "Y",
"siteId": "120",
"stTimeStamp": "2013-04-16T16:06:49.201+05:30",
"stTransactionNo": "1000010086",
"threeDTransactionType": "C",
"transactionDate": "2013-04-16T16:06:49.201+05:30",
"transactionType": "DEPOSIT",
"userName": "johnsmith1"
}

```

The table below lists all the fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>depositDetails:</b>			
<b>accountType</b>	Alphabetic	<=25	accountType is the payment processing mode received by ST system from operator which is used by the acquirer during transaction authorization. The possible values for accountType are ; 1. ECOM - E-Commerce 2.MOTO - Mail Order/Telephone Order 3.CFT - CardHolder Fund Transfer 4. ACH - Automated Clearing House.
<b>operatorId</b>	Numeric	3	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>userName</b>	Alphanumeric	<=25	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>stTransactionNo</b>	Numeric	10	The transaction reference number of the deposit transaction. This number is generated by SecureTrading system during the deposit transaction.

Response Field Name	Data Type	Field Length	Comment
<b>orderReference</b>	Alphanumeric	999	The reference number generated by the Operator for the deposit transaction in <a href="#">Step 1</a> .
<b>transactionType</b>	Alphanumeric	10	It is the Type of transaction performed by the player. For this request the transactionType would be "Deposit".
<b>transactionDate</b>	DateTime	29	The date when the transaction was executed. (ISO 8601 Format)
<b>last4DigitsOfCard</b>	Numeric	4	The masked card number with last 4 digits of the card being visible.
<b>cardToken</b>	Alphanumeric	<=64	The payment card reference number.
<b>cardType</b>	Alphanumeric	<=10	Type of Card: <ul style="list-style-type: none"> <li>• VISA</li> <li>• MASTERCARD</li> <li>• VISADEBIT</li> <li>• MASTERCARD DEBIT</li> <li>• DELTA</li> <li>• ELECTRON</li> <li>• DINERSCLUB</li> <li>• AMEX</li> <li>• PURCHASING</li> <li>• DISCOVER</li> </ul> The card types are case sensitive and is displayed in uppercase. The Operator has to contact SecureTrading to list the type of cards that can be processed.
<b>expiryDate</b>	Date mm/yyyy	7	The date when the payment card expires.
<b>currency</b>	Alphanumeric	3	The currency code in ISO format, for example USD for US dollars. If the Operator is unsure which currencies they can process, contact SecureTrading Inc. Support. For a list of currency codes, see <a href="#">Appendix B</a> .
<b>amount</b>	Numeric	12	The amount deposited by the player. The value is displayed in base units, for example \$10.00 will be submitted as 1000.
<b>authCode</b>	Alphanumeric	6	Authorization code for the transaction returned from acquirer.
<b>liveStatus</b>	Boolean Values true or false	5	Identifies if the transaction is going through a real time acquirer. The possible values are:  true: The transaction is being processed by a real time acquirer. false: The transaction is not being processed by a real time acquirer.

Response Field Name	Data Type	Field Length	Comment
<b>securityResponseAVS</b>	Alphanumeric	2	<p>The response to the Address Verification Service check performed on authorisation.</p> <p>The details supplied on authorisation are checked against those registered for the card.</p> <p>It will be returned as a string of two numbers, the first relates to the check performed on the street address, and the second relates to the postcode.</p> <p>The possible values are:</p> <p>0 – Not Given  1 – Not Checked  2 – Matched  4 – Not matched  8 – Partial Match.</p> <p>For example, if the Street address Matched the card, but the Postcode returned a Not matched, the value returned would be “24”.</p>
<b>securityResponseCVV2</b>	Alphanumeric	1	<p>The response to the CVV2 check against the securityCode supplied during authorisation.</p> <p>The possible values are:</p> <p>0 – Not Given  1 – Not Checked  2 – Matched  4 – Not matched  8 – Partial Match.</p>
<b>eciFlag</b>	Numeric	2	<p>Electronic Commerce Indicator (ECI). The ECI value represented by this element should be passed on the authorization transaction to the gateway/processor. Possible values are:</p> <p>MasterCard  01 - Indicates Merchant Liability  02 - Indicates Card Issuer Liability  Visa  05 - Indicates Card Issuer Liability  06 - Indicates Card Issuer Liability  07 - Indicates Merchant Liability  Y AN(2)  Centinel Thin Client Integration Guide - Payer Authentication (Version 2.0.6)  17  Amex</p>

Response Field Name	Data Type	Field Length	Comment
			05 - Indicates Card Issuer Liability 06 - Indicates Card Issuer Liability 07 - Indicates Merchant Liability JCB 05 - Indicates Card Issuer Liability 06 - Indicates Card Issuer Liability 07 - Indicates Merchant Liability"
<b>paresStatus</b>	Alphanumeric	1	Transaction status result identifier. [ Y, N, U, A ]  Y - Successful Authentication N - Failed Authentication U - Unable to Complete Authentication A - Successful Attempts Transaction
<b>signVerification</b>	Alphanumeric	1	Transaction Signature status identifier [Y, N].  <ul style="list-style-type: none"> <li>Y - Indicates that the signature of the PARES has been validated successfully and the message contents can be trusted.</li> <li>N - Indicates that for a variety of reasons; tampering, certificate expiration etc. the PARES could not be validated, and the result should not be trusted.</li> </ul>
<b>threeDTransactionType</b>	Alphanumeric	1	Identifies the Transaction Type used for processing 3-D secure authentication.  C- Credit Card/Debit Card Authentication
<b>enrolled</b>	Alphanumeric	1	Status of authentication eligibility. If the Enrolled value is NOT Y, then the Consumer is NOT eligible for 3-D secure authentication. Y - Cardholder Enrolled N - Not Enrolled U - Cardholder Authentication Unavailable

**Electronic Commerce Indicator (ECI) :** The ECI value represented by this element should be passed on the authorization transaction to the gateway/processor.  
Possible values are:

**MasterCard :**

ECI Flag	Description
----------	-------------



ECI Flag	Description
01	Indicates Merchant Liability.
02	Indicates Card Issuer Liability.

**VISA :**

ECI Flag	Description
05	Indicates Card Issuer Liability
06	Indicates Card Issuer Liability.
07	Indicates Merchant Liability.

**AMEX :**

ECI Flag	Description
05	Indicates Card Issuer Liability
06	Indicates Card Issuer Liability.
07	Indicates Merchant Liability.

**JCB :**

ECI Flag	Description
05	Indicates Card Issuer Liability
06	Indicates Card Issuer Liability.
07	Indicates Merchant Liability.

**Error Response**

In the event of a failure, the following error response is returned from SecureTrading.

```
{
  "returnCode":"ERR_PFO_00066",
  "returnMsg":"Invalid requestToken.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00"
}
```

The table below lists all the fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.

**7.1.2 Steps Involved in Deposit using Account Management Module**

A Player Deposit transaction through a registered account is performed in the steps outlined below.

### 7.1.2.1 Step 1 - Validate Player and Operator Details

#### Description

- In order for a Player to submit a deposit, the Operator must first authenticate with the SecureTrading application as well as supply the details of the player making the deposit.
- In addition the operator can also send the Amount which needs to be deposited by the player. In this case the player will not be allowed to enter the amount.
- The Operator can also opt for Deposit signature hash password feature to send the amount or any other fields in a secure way. This feature needs to be configured while setting up an operator site. In addition the operator should send Hashtimestamp and deposit signature hashpassword to secureTrading application in which deposit signature hashpassword should contain the encoded SHA format of the opted fields.

The below check will be performed before performing a deposit.

- **Geo Comply Check (API)** – The geo Comply encrypted packet provided by the operator will be validated against the Encryption key and Encryption IV formats and fetches the Geo Comply check result. Based on the player IP location, the SecureTrading application verifies the exact player location. The Encryption key and Encryption IV should be configured while setting up an Operator.

On receipt of both the request the SecureTrading application validates the Operator Site, Workflow and Player details using the details stored in the SecureTrading application and a responseToken is returned to the Operator as a success response.

#### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	https://oprcore.securetradinginc.net/securetrading/opr/sthotedPreCheckDepositAccountRequest.htm

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123789456245",
  "sitePwd": ")(*^%",
  "geoComplyEncryptedPacket": "ZsUiDymAiyVr/CGEDzr7tveVE=",
  "depositDetails": {
    "userName": "johnsmith1",
    "connectionToken": "6789gfgdfhgdfgdfghhtr4",
    "sessionToken": "200446",
    "currency": "USD",
    "orderReference": "1234",
    "accountType": "ACH",
    "transactionType": "DEPOSIT",
    "atmVerify": "Y"
  }
}
```

### If the Operator sends the Amount in first request

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123789456245",
  "sitePwd": ")(*^%",
  "depositDetails": {
    "userName": "johnsmith1",
    "connectionToken": "6789gfgdfhgdfgdfghhtr4",
    "sessionToken": "200446",
    "currency": "USD",
    "orderReference": "1234",
    "accountType": "ACH",
    "amount": "100",
    "transactionType": "DEPOSIT",
    "hashTimeStamp": "2013-09-20T18:59:03",
    "depositSignature": "2375baab68cd1298d173d9",
    "atmVerify": "Y"
  }
}
```

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated in the SecureTrading application while registering the Operator.
geoComplyEncryptedPacket	Alphanumeric		Y – If Geo Comply check option is selected as API	The encrypted packet which contains the results of the already performed Geo Comply check for the player.
<b>depositDetails:</b>				
<b>userName</b>	Alphanumeric	<=25	Y	The unique user name of

Field Name	Data Type	Field Length	Mandatory Field	Comment
				the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>connectionToken</b>	Alphanumeric	<=64	Y	Unique code identifying the player's connection which is generated by the SecureTrading application during the player validation process. This field is then required as a request parameter in any subsequent requests during the players session.
<b>sessionToken</b>	Alphanumeric	<=64	Y	Unique code identifying the player's session which is generated by the SecureTrading application during the player validation process. This field is then required as a request parameter in any subsequent requests during the players session.
<b>currency</b>	Alphanumeric	3	Y	The currency code in ISO format, for example USD for US dollars. If the Operator is unsure which currencies they can process, contact SecureTrading Inc. Support. For a list of currency codes, see <a href="#">Appendix B</a> .
<b>orderReference</b>	Alphanumeric	999	N	The reference number generated by the Operator for the deposit transaction. This number is referenced when the Operator retrieves the transaction details in <a href="#">Step 4</a> .
<b>accountType</b>	Alphabetic	<=25	Y	accountType is the payment processing mode received by ST system from operator which is used by the acquirer during transaction authorization. The possible values for accountType are ; 1. ECOM - E-Commerce 2.MOTO - Mail Order/Telephone Order

Field Name	Data Type	Field Length	Mandatory Field	Comment
				3.CFT - CardHolder Fund Transfer 4.ACH – Automated Clearing House.
<b>transactionType</b>	Alphanumeric	10	Y	It is the Type of transaction performed by the player. For this request the transactionType would be "Deposit".
<b>atmVerify</b>	Alphabetic	1	Y	ACH Verify verifies the account number with its database. The responses from ACH Verify are <ul style="list-style-type: none"> <li>• NEG – Negative Response</li> <li>• UNK – Unknwon Response</li> <li>• POS – Positive Response.</li> </ul> atmVerify values  Y- ATM Verify check will be performed.  N- ATM Verify check will not be performed.
<b>depositSignature</b>	Alphanumeric		N	Hashed SHA format for configured fields by the operator.

### Success Response

In the event of a successful validation of Operator and Player Details, the following success response is returned from the SecureTrading application:

```
{
  "returnCode":"INFO_PFO_00027",
  "returnMsg":"Please redirect the Player for payment.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "responseToken":"9TPmSVYF70TVrzJeKnZjV08XKtnrIXP4QG2xdgf20QA="
}
```

The table below lists all fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success

			or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 2</a> .

## Error Response

In the event of a failure in validating the Operator and Player Details, the following error response is returned from the SecureTrading application:

```
{
  "returnCode": "ERR_PFO_00001",
  "returnMsg": "Validation Failure - Field validation failure. Please see validationErrors for more details.",
  "stTimeStamp": "2013-04-09T17:18:10.277+05:30",
  "recordStatus": "Failed",
  "validationErrors":
    [
      {
        "validationField": "siteUsername",
        "validationError": "Invalid siteUserName."
      }
    ]
}
```

The table below lists all fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Transaction](#) module of the [Appendix](#) section.

### 7.1.2.2 Step 2- Player Redirection and Deposit Screen Display.

#### Description

The Operator redirects the Player to the SecureTrading application, passing in the **responseToken** from [Step 1](#) as the **requestToken** parameter that forms part of the redirect URL query string parameters.

- **Geo Comply Check** - Based on the player IP location, the SecureTrading application verifies the exact player location.

The Deposit screen won't be displayed to the player if he/she fails the Geo Comply check.

The SecureTrading application validates the request details before displaying the Hosted Deposit screen.

### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = GET	<code>https://plyrcore.securetradinginc.net/securetrading/plyr/sthostedPlayerDepositAccount.htm?requestToken=value&amp;language=value</code>

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory	Comment
<b>requestToken</b>	Alphanumeric	<=64	Y	The responseToken generated in <a href="#">Step 1</a> is used as requestToken.
<b>language</b>	Alphanumeric	2	N	The language in which the request is sent. The options are: en – English sp - Spanish

### Success Response

In the event of successful validation of the **requestToken**, the SecureTrading application retrieves the Player's registered payment account. If the Player has not yet registered an account the following screen is displayed in the language requested:

**Deposit**

\$10

\$20

\$50

\$100

\$250

\$500

or

Deposit Amount \*

**Account Details**

Account Type \*

Account Number \*

ABA Number \*

Name of Bank \*

\* Mandatory Field

Submit

If the Operator has submitted the amount in the first request with signature hashpassword and if the Player has not yet registered an account the following screen is displayed in the language requested:

**Deposit**

\$10

**Account Details**

Account Type \*

Account Number \*

ABA Number \*

Name of Bank \*

\* Mandatory Field

Submit

If the Player has a registered account in the system the following screen is displayed in the language requested:



**Deposit**

\$10

\$20

\$50

\$100

\$250

\$500

or

Deposit Amount \*

**Account Details**

Account Number:

123456789

Account Type:

Savings

Name of Bank:

FIRST BANK

ABA Number:

123456789

\* Mandatory Field

Submit

## Error Response

In the event of a failure the Player is redirected back to the Operator **Deposit Failure** URL and the error response is returned as part of the URL query string.

```
http://www.example.com/depositfailure.htm?returnCode=ERR_PFO_00126
```

The table below lists the field in the error response:

The table below lists the field in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Transaction](#) module of the [Appendix](#) section.

### 7.1.2.3 Step 3 - Submit Deposit

#### Description

On successful third-party authentication or successful deposit performed in [Step 2](#), the Player is redirected to the SecureTrading application using the following HTTPS request and the deposit transaction is performed.

#### Request Definition

NA

#### Success Response

In the event of successful verification of the deposit the Player is redirected back to the Operator **Deposit Success** URL and the **returnCode** and **responseToken** are returned as part of the URL query string.

```
http://example.com/depositsuccess.htm?returnCode=INFO_PFO_00020  
&responseToken=DLN085pJ7gTT-NBPqlqi2GnGqdDirCQOdnkWZqHZ1cg=
```

The table below lists all the fields in success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 4</a> .

#### Error Response

In the event of a failure the Player is redirected back to the Operator **Deposit Failure** URL and the error response is returned as part of the URL query string.

```
http://www.example.com/depositfailure.htm?returnCode=ERR_PFO_00  
110&responseToken=DLN085pJ7gTTNBPqlqi2GnGqdDirCQOdnkWZqHZ1cg=
```

The table below lists all the fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 4</a> .



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Transaction](#) module of the [Appendix](#) section.

#### 7.1.2.4 Step 4 - Retrieve Transaction Details

##### Description

After the Player is redirected back to the Operator platform, if the Operator wishes to retrieve the deposit transaction, the Operator can submit a request to retrieve the details.

On receipt of the request the SecureTrading application authenticates the Operator and validates that the **requestToken** is associated with the Operator, the type of request and that it matches the relevant **responseToken**. Once the requested is verified, the associated deposit transaction is returned in the response to the Operator.

##### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	<code>https://oprcore.securetradinginc.net/securetrading/opr/sthotedGetACHTransactionDetails.htm</code>

A sample JSON Request body is included below:

```
{
  "operatorId": "111",
  "siteId": "122",
  "siteUsername": "123789456245",
  "sitePwd": ")(*^%",
  "requestToken": "ABMXKG4ERegHCQ_jAdo3zrMKFcTfOqbAao2c3gXA_XX"
}
```

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>requestToken</b>	Alphanumeric	<=64	Y	The responseToken generated in <a href="#">Step 3</a> is used as the requestToken.

### Success Response

In the event of successful retrieval, the following success response is returned from SecureTrading application.

```
{
  "returnCode":"INFO_PFO_00020",
  "returnMsg":"Deposit processed successfully.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "depositDetails":
  {
    "userName":"johnsmith1",
    "transactionType":"DEPOSIT",
    "stTransactionNo":"0000000000",
    "operatorId":"101",
    "siteId":"101",
    "accountType":"ACH",
    "amount":"50000",
    "authCode":"POS",
    "currency":"USD",
    "liveStatus":true,
    "orderReference":"000000",
    "recordStatus":"Created",
    "returnCode":"INFO_PFO_00020",
    "returnMsg":"Deposit processed successfully.",
    "stTimeStamp":"2013-12-04T14:18:38.465+05:30",
    "transactionDate":"2013-12-04T14:18:38.465+05:30",
    "additionalResponseCode":"",
    "securityResponseAVS":""
  }
}
```

```

    "securityResponseCVV2":""
  }
}

```

The table below lists all the fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>depositDetails:</b>			
<b>userName</b>	Alphanumeric	<=25	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>transactionType</b>	Alphanumeric	10	It is the Type of transaction performed by the player. For this request the transactionType would be "Deposit".
<b>stTransactionNo</b>	Numeric	10	The transaction reference number of the deposit transaction. This number is generated by SecureTrading system during the deposit transaction.
<b>operatorId</b>	Numeric	3	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>accountType</b>	Alphabetic	<=25	accountType is the payment processing mode received by ST system from operator which is used by the acquirer during transaction authorization. The possible values for accountType are ; 1. ECOM - E-Commerce 2.MOTO - Mail Order/Telephone Order 3.CFT - CardHolder Fund Transfer 4. ACH - Automated Clearing House.
<b>amount</b>	Numeric	12	The amount deposited by the player. The value is displayed in base units, for example \$10.00 will be submitted as 1000.
<b>authCode</b>	Alphanumeric	6	Authorization code for the transaction returned from acquirer.
<b>currency</b>	Alphanumeric	3	The currency code in ISO format, for example USD for US dollars. If the

Response Field Name	Data Type	Field Length	Comment
			Operator is unsure which currencies they can process, contact SecureTrading Inc. Support. For a list of currency codes, see Appendix B.
<b>liveStatus</b>	Boolean Values true or false	5	Identifies if the transaction is going through a real time acquirer. The possible values are:  true: The transaction is being processed by a real time acquirer. false: The transaction is not being processed by a real time acquirer.
<b>orderReference</b>	Alphanumeric	999	The reference number generated by the Operator for the deposit transaction in <a href="#">Step 1</a> .
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Not Created', 'Updated', or 'Failed' in the SecureTrading application even if an error response is returned to the Operator.
<b>transactionDate</b>	DateTime	29	The date when the transaction was executed. (ISO 8601 Format)
<b>additionalResponseCode</b>	Alphanumeric	255	Additional response returned from ACH Verify.
<b>securityResponseAVS</b>	Alphanumeric	1	The response to the Address Verification Service check performed on authorisation.  The details supplied on authorisation are checked against those registered for the card.  It will be returned as a string of two numbers, the first relates to the check performed on the street address, and the second relates to the postcode.  The possible values are:  0 – Not Given 1 – Not Checked 2 – Matched 4 – Not matched 8 – Partial Match.  For example, if the Street address Matched the card, but the Postcode returned a Not matched, the value returned would be "24".
<b>securityResponseCVV2</b>	Alphanumeric	1	The response to the CVV2 check against the securityCode supplied

Response Field Name	Data Type	Field Length	Comment
			<p>during authorisation.</p> <p>The possible values are:</p> <p>0 – Not Given  1 – Not Checked  2 – Matched  4 – Not matched  8 – Partial Match.</p>



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Transaction](#) module of the [Appendix](#) section.

## 7.2 Withdrawal

A Withdrawal Transaction is performed as follows:

**Validate Operator and Withdrawal Details** – The Operator submits the required authentication details to the SecureTrading application along with the Player username and Withdrawal details. The details are validated and the Withdrawal is processed.

### 7.2.1 Steps Involved in Withdrawal using Card Management Module

The Player Withdrawal transaction using registered card is performed in the step outlined below.

#### 7.2.1.1 Validate Operator and Withdrawal Details

##### Description

In order for a Player to submit a withdrawal, the Operator must first authenticate with the SecureTrading application as well as supply the details of the player making the withdrawal.

On receipt of the request the SecureTrading application validates the Operator Site, Player and Withdrawal details using the details stored in the SecureTrading application and submits the Withdrawal before sending a response to the Operator.

The operator should submit the cardToken number of a registered card number to withdraw from the card.

##### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST,	<a href="https://oprcore.securetradinginc.net/securetrading/opr/sthostedWithdrawal.htm">https://oprcore.securetradinginc.net/securetrading/opr/sthostedWithdrawal.htm</a>

Restful JSON Request	
----------------------	--

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "457985621458",
  "sitePwd": "(^*%^$#",
  "withdrawalDetails": {
    "userName": "johnsmith1",
    "transactionType": "WITHDRAWAL",
    "orderReference": "3213444",
    "cardToken": "7DHV_UZt3v30RXZXkv2D_e87y0cppadz_wBnM0=",
    "cvv": "129",
    "accountType": "CFT",
    "currency": "USD",
    "amount": "1000"
  }
}
```

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated by the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>withdrawalDetails:</b>				
<b>userName</b>	Alphanumeric	<=25	Y	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>transactionType</b>	Alphanumeric	10	Y	It is the Type of transaction performed by the player. For this request the transactionType would be



Field Name	Data Type	Field Length	Mandatory Field	Comment
				"Withdrawal".
<b>orderReference</b>	Alphanumeric	999	N	The reference number generated by the Operator for the withdrawal transaction. This number is referenced when SecureTrading returns the Withdrawal transaction details.
<b>cardToken</b>	Alphanumeric	<=64	Y	The payment card reference number.
<b>cvv</b>	Numeric	4	Y	The CVV number of the Card. It is a 4 digit number for American Express cards and for all other cards it is 3 digits.
<b>accountType</b>	Alphabetic	<=25	Y	accountType is the payment processing mode received by ST system from operator which is used by the acquirer during transaction authorization. The possible values for accountType are ; 1. ECOM - E-Commerce 2.MOTO - Mail Order/Telephone Order 3.CFT - CardHolder Fund Transfer 4.ACH – Automated Clearing House.
<b>currency</b>	Alphanumeric	3	Y	The currency code in ISO format, for example USD for US dollars. If the Operator is unsure which currencies they can process, contact SecureTrading Inc. Support. For a list of currency codes, see <a href="#">Appendix B</a> .
<b>amount</b>	Numeric	12	Y	The amount withdrawn by the player. The value is in base units, for example \$10.00 will be submitted as 1000.

### Success Response

In the event of a successful withdrawal, the following success response is returned from the SecureTrading application:

```
{
  "returnCode":"INFO_PFO_00023",
  "returnMsg":"Request processed successfully.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
```

```

"recordStatus": "Created",
"withdrawalDetails":
{
  "operatorId": "000",
  "siteId": "000",
  "userName": "johnsmith1",
  "transactionType": "WITHDRAWAL",
  "stTransactionNo": "1234567890",
  "orderReference": "3213444",
  "transactionDate": "2000-12-31T23:59:59.999+01:00",
  "currency": "USD",
  "amount": "1000",
  "accountType": "CFT",
  "authCode": "WITHDR",
  "liveStatus": true,
  "securityResponseAVS": "22",
  "securityResponseCVV2": "2"
}
}

```

The table below lists all the fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Not Created', 'Updated', or 'Failed' in the SecureTrading application even if an error response is returned to the Operator.
<b>withdrawalDetails:</b>			
<b>operatorId</b>	Numeric	3	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>userName</b>	Alphanumeric	<25	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>transactionType</b>	Alphanumeric	10	It is the Type of transaction performed by the player with one of the following values: 1. Deposit 2. Refund 3. Withdrawal 4. Reversal
<b>stTransactionNo</b>	Numeric	10	The unique identification code assigned to the transaction by the

Response Field Name	Data Type	Field Length	Comment
			SecureTrading application.
<b>orderReference</b>	Alphanumeric	999	The reference number generated and sent by the Operator for the withdrawal transaction.
<b>transactionDate</b>	DateTime	29	The date when the transaction was executed. (ISO 8601 Format)
<b>currency</b>	Alphanumeric	3	The currency code in ISO format, for example USD for US dollars. If the Operator is unsure which currencies they can process, contact SecureTrading Inc. Support. For a list of currency codes, see <a href="#">Appendix B</a> .
<b>amount</b>	Numeric	12	The amount withdrawn by the player. The value is displayed in base units, for example \$10.00 will be submitted as 1000.
<b>accountType</b>	Alphabetic	<=25	accountType is the payment processing mode received by ST system from operator which is used by the acquirer during transaction authorization. The possible values for accountType are ; 1. ECOM - E-Commerce 2.MOTO - Mail Order/Telephone Order 3.CFT - CardHolder Fund Transfer 4.ACH – Automated Clearing House
<b>authCode</b>	Alphanumeric	6	Authorization code for the transaction returned from acquirer.
<b>liveStatus</b>	Boolean Values true or false	5	Identifies if the transaction is going through a real time acquirer. The possible values are: true: The transaction is being processed by a real time acquirer. false: The transaction is not being processed by a real time acquirer.
<b>securityResponseAVS</b>	Alphanumeric	1	The response to the Address Verification Service check performed on authorisation.  The details supplied on authorisation are checked against those registered for the card.  It will be returned as a string of two numbers, the first relates to the check performed on the street address, and the second relates to the postcode.  The possible values are:  0 – Not Given

Response Field Name	Data Type	Field Length	Comment
			1 – Not Checked 2 – Matched 4 – Not matched 8 – Partial Match.  For example, if the Street address Matched the card, but the Postcode returned a Not matched, the value returned would be "24".
<b>securityResponseCVV2</b>	Alphanumeric	1	The response to the CVV2 check against the securityCode supplied during authorisation.  The possible values are:  0 – Not Given 1 – Not Checked 2 – Matched 4 – Not matched 8 – Partial Match.

### Error Response

In the event of a failure, the following error response is returned from SecureTrading:

```
{
  "returnCode": "ERR_PFO_00178",
  "returnMsg": "Site authentication failure.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00"
}
```

Or,

```
{
  "returnCode": "ERR_PFO_00001",
  "returnMsg": "Validation Failure - Field validation failure. Please see validation Errors for more details.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00",
  "recordStatus": "Failed",
  "validation Errors":
    [
      {
        "validationError": "Invalid operatorId.",
        "validationField": "operatorId"
      }
    ]
}
```

The table below lists all the fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .

Response Field Name	Data Type	Field Length	Comment
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Not Created', 'Updated', or 'Failed' in the SecureTrading application even if an error response is returned to the Operator.
<b>validation Errors:</b>			
<b>validationError</b>	Alphanumeric	<=256	Field validation error description.
<b>validationField</b>	Alphanumeric	<=64	Field name for which field validation failed.

## 7.2.2 Steps Involved in Withdrawal using Account Management Module

The Player Withdrawal transaction using registered account is performed in the step outlined below.

### 7.2.2.1 Validate Operator and Withdrawal Details

#### Description

In order for a Player to submit a withdrawal, the Operator must first authenticate with the SecureTrading application as well as supply the details of the player making the withdrawal.

On receipt of the request the SecureTrading application validates the Operator Site, Player and Withdrawal details using the details stored in the SecureTrading application and submits the Withdrawal before sending a response to the Operator.

The operator should submit the accountToken number of a registered account number to withdraw from an account.

#### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	https://oprcore.securetradinginc.net/securetrading/opr/sthostedAccountWithdrawal.htm

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "457985621458",
  "sitePwd": "(^*%^$#",
  "withdrawalDetails": {
    "userName": "johnsmith1",
    "transactionType": "WITHDRAWAL",
    "orderReference": "3213444",
    "accountToken": "7DHV_UZt3v30RXZXkv2D_e87y0cppadz_wBnM0=",
    "currency": "USD",
  }
}
```

```

    "accountType": "ACH",
    "amount": "1000"
  }

```

The table below describes the parameters that are included in the HTTPS request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated by the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>withdrawalDetails:</b>				
<b>userName</b>	Alphanumeric	<=25	Y	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>transactionType</b>	Alphanumeric	10	Y	It is the Type of transaction performed by the player. For this request the transactionType would be "Withdrawal".
<b>orderReference</b>	Alphanumeric	999	N	The reference number generated by the Operator for the withdrawal transaction. This number is referenced when SecureTrading returns the Withdrawal transaction details.
<b>accountToken</b>	Alphanumeric	<=64	Y	The payment account reference number.
<b>currency</b>	Alphanumeric	3	Y	The currency code in ISO format, for example USD for US dollars. If the Operator is unsure which currencies they can process, contact

Field Name	Data Type	Field Length	Mandatory Field	Comment
				SecureTrading Inc. Support. For a list of currency codes, see <a href="#">Appendix B</a> .
<b>accountType</b>	Alphabetic	<=25	Y	accountType is the payment processing mode received by ST system from operator which is used by the acquirer during transaction authorization. The possible values for accountType are ; 1. ECOM - E-Commerce 2. MOTO - Mail Order/Telephone Order 3. CFT - CardHolder Fund Transfer 4. ACH – Automated Clearing House.
<b>amount</b>	Numeric	12	Y	The amount withdrawn by the player. The value is in base units, for example \$10.00 will be submitted as 1000.

### Success Response

In the event of a successful withdrawal, the following success response is returned from the SecureTrading application:

```
{
  "returnCode": "INFO_PFO_00023",
  "returnMsg": "Request processed successfully.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00",
  "recordStatus": "Created",
  "withdrawalDetails": {
    "operatorId": "000",
    "siteId": "000",
    "userName": "johnsmith1",
    "transactionType": "WITHDRAWAL",
    "stTransactionNo": "1234567890",
    "orderReference": "3213444",
    "transactionDate": "2000-12-31T23:59:59.999+01:00",
    "amount": "1000",
    "accountType": "ACH",
    "authCode": "WITHDR",
    "liveStatus": true
  }
}
```

The table below lists all the fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the

Response Field Name	Data Type	Field Length	Comment
			Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Not Created', 'Updated', or 'Failed' in the SecureTrading application even if an error response is returned to the Operator.
<b>withdrawalDetails:</b>			
<b>operatorId</b>	Numeric	3	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>userName</b>	Alphanumeric	<25	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>transactionType</b>	Alphanumeric	10	It is the Type of transaction performed by the player with one of the following values: 1. Deposit 2. Refund 3. Withdrawal 4. Reversal
<b>stTransactionNo</b>	Numeric	10	The unique identification code assigned to the transaction by the SecureTrading application.
<b>orderReference</b>	Alphanumeric	999	The reference number generated and sent by the Operator for the withdrawal transaction.
<b>transactionDate</b>	DateTime	29	The date when the transaction was executed. (ISO 8601 Format)
<b>amount</b>	Numeric	12	The amount withdrawn by the player. The value is displayed in base units, for example \$10.00 will be submitted as 1000.
<b>accountType</b>	Alphabetic	<=25	accountType is the payment processing mode received by ST system from operator which is used by the acquirer during transaction authorization. The possible values for accountType are ; 1. ECOM - E-Commerce 2.MOTO - Mail Order/Telephone Order 3.CFT - CardHolder Fund Transfer 4.ACH – Automated Clearing House
<b>authCode</b>	Alphanumeric	6	Authorization code for the



Response Field Name	Data Type	Field Length	Comment
			transaction returned from acquirer.
<b>liveStatus</b>	Boolean Values true or false	5	Identifies if the transaction is going through a real time acquirer. The possible values are: true: The transaction is being processed by a real time acquirer. false: The transaction is not being processed by a real time acquirer.

### Error Response

In the event of a failure, the following error response is returned from SecureTrading:

```
{
  "returnCode":"ERR_PFO_00178",
  "returnMsg":"Site authentication failure.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00"
}
```

Or,

```
{
  "returnCode":"ERR_PFO_00001",
  "returnMsg":"Validation Failure - Field validation failure.
Please see validation Errors for more details.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "recordStatus":"Failed",
  "validation Errors":
    [
      {
        "validationError":"Invalid operatorId.",
        "validationField":"operatorId"
      }
    ]
}
```

The table below lists all the fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Updated', or 'Failed' in the S'Not Created', ecurerTrading application even if an error response is returned to the Operator.

Response Field Name	Data Type	Field Length	Comment
<b>validation Errors:</b>			
<b>validationError</b>	Alphanumeric	<=256	Field validation error description.
<b>validationField</b>	Alphanumeric	<=64	Field name for which field validation failed.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Transaction](#) module of the [Appendix](#) section.

## 7.3 Refund

A Refund Transaction is performed as follows:

**Validate Operator and Refund Details** – The Operator submits the required authentication details to the SecureTrading application along with the Player username and Refund details. The details are validated and the Refund is processed.



Transaction can be refunded only if the transaction has settled.. The exchanging of data or funds between the acquirer and the issuer. Settlement includes funding the merchant for the transaction and paying any necessary fees due to the issuer or acquirer for processing the transaction.

### 7.3.1 Steps Involved

The Player Refund transaction is performed in the step outlined below.

#### 7.3.1.1 Validate Operator and Refund Details

##### Description

In order for an Operator to issue a refund to a Player, the Operator must first authenticate with the SecureTrading application as well as supply the details of the player being refunded.

On receipt of the request the SecureTrading application validates the Operator Site, Player and Refund details using the details stored in the SecureTrading application and submits the Refund before sending a response to the Operator.

##### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	<code>https://oprcore.securetradinginc.net/securetrading/opr/stapiSubmitRefund.htm</code>

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
```

```

"siteUsername":"123456789545",
"sitePwd:") * (&^%$#",
"refundDetails":
{
  "userName":"Johnsmith1",
  "transactionType":"REFUND",
  "depositSTTransactionNo":"1234567890",
  "expiryDate":"01/2015",
  "accountType":"ECOM",
  "currency":"USD",
  "amount":"1000"
}
}

```

The table below describes the parameters that are included in the request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the SecureTrading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>refundDetails:</b>				
<b>userName</b>	Alphanumeric	<=25	Y	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>transactionType</b>	Alphanumeric	10	Y	It is the Type of transaction performed by the player. For this request the transactionType would be "Refund".
<b>depositSTTransactionNo</b>	Numeric	10	Y	The SecureTrading transaction reference number of the deposit being refunded.
<b>expiryDate</b>	Date mm/yyyy	10	N	The date when the payment card expires.
<b>accountType</b>	Alphabetic	<=25	Y	accountType is the

Field Name	Data Type	Field Length	Mandatory Field	Comment
				payment processing mode received by ST system from operator which is used by the acquirer during transaction authorization. The possible values for accountType are ; 1. ECOM - E-Commerce 2.MOTO - Mail Order/Telephone Order 3.CFT - CardHolder Fund Transfer
<b>currency</b>	Alphanumeric	3	Y	The currency code in ISO format, for example USD for US dollars. If the Operator is unsure which currencies they can process, contact SecureTrading Inc. Support. For a list of currency codes, see <a href="#">Appendix B</a> .
<b>amount</b>	Numeric	12	Y	The amount refunded to the player. The value is in base units, for example \$10.00 will be submitted as 1000.

### Success Response

In the event of a successful validation of Operator, Player, Deposit and Refund Details, the following success response is returned from the SecureTrading application:

```
{
  "returnCode":"INFO_PFO_00023",
  "returnMsg":"Request processed successfully.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "recordStatus":"Created",
  "refundDetails":
  {
    "operatorId":"000",
    "siteId":"000",
    "transactionType":"REFUND",
    "depositSTTransactionNo":"1234567890",
    "stTransactionNo":"1122334455",
    "transactionDate":"2000-12-31T23:59:59.999+01:00",
    "currency":"USD",
    "accountType":"ECOM",
    "amount":"1000"
  }
}
```

The table below lists all the fields in the success response:

Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by

Field Name	Data Type	Field Length	Comment
			SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Not Created', 'Updated', or 'Failed' in the SecureTrading application even if an error response is returned to the Operator.
<b>refundDetails:</b>			
<b>operatorId</b>	Numeric	3	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	The identification code of the Operator site.
<b>transactionType</b>	Alphanumeric	<=10	It is the Type of transaction performed by the player with one of the following values: 1. Deposit 2. Refund 3. Withdrawal 4. Reversal
<b>depositSTTransactionNo</b>	Numeric	10	The SecureTrading transaction reference number of the deposit being refunded.
<b>stTransactionNo</b>	Numeric	10	The transaction identification code generated by SecureTrading if the refund is successful.
<b>transactionDate</b>	DateTime	29	The date when the transaction was executed. (ISO 8601 Format)
<b>currency</b>	Alphanumeric	3	The currency code in ISO format, for example USD for US dollars. If the Operator is unsure which currencies they can process, contact SecureTrading Inc. Support. For a list of currency codes, see <a href="#">Appendix B</a> .
<b>accountType</b>	Alphabetic	<=25	accountType is the payment processing mode received by ST system from operator which is used by the acquirer during transaction authorization. The possible values for accountType are ; 1.ECOM - E-Commerce 2.MOTO - Mail Order/Telephone Order 3.CFT - CardHolder Fund Transfer
<b>amount</b>	Numeric	12	The amount refunded to the player. The value is displayed in base units, for example \$10.00 will be submitted as 1000. The amount has to be less than or equal to the deposit amount.

### Error Response

In the event of a failure, the following error response is returned from SecureTrading.

```
{
  "returnCode":"ERR_PFO_00178",
  "returnMsg":"Site authentication failure.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00"
}
```

Or,

```
{
  "returnCode":"ERR_PFO_00001",
  "returnMsg":"Validation Failure - Field validation failure.
Please see validation Errors for more details.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "recordStatus":"Failed",
  "validation Errors":
    [
      {
        "validationError":"Invalid operatorId.",
        "validationField":"operatorId"
      }
    ]
}
```

The table below lists all the fields in the error response:

Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Not Created', 'Updated', or 'Failed' in the SecureTrading application even if an error response is returned to the Operator.
<b>validation Errors:</b>			
<b>validationError</b>	Alphanumeric	<=256	Field validation error description.
<b>validationField</b>	Alphanumeric	<=64	Field name for which field validation failed.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Transaction](#) module of the [Appendix](#) section.

## 7.4 Reversal

A Reversal is performed as follows:

**Validate Operator and Reversal Details** – The Operator submits the required authentication details to the SecureTrading application along with the Player username and Reversal details. The details are validated and the Deposit Reversal is processed.



The reversal amount should be same as the parent transaction.

Transaction can be reversed before it is settled by the ST system. The exchanging of data or funds between the acquirer and the issuer. Settlement includes funding the merchant for the transaction and paying any necessary fees due to the issuer or acquirer for processing the transaction.

#### 7.4.1 Steps Involved

The Deposit Reversal is performed in the step outlined below.

##### 7.4.1.1 Validate Operator and Reversal Details

###### Description

In order for an Operator to reverse a Player deposit, the Operator must first authenticate with the SecureTrading application as well as supply the details of the player and deposit being reversed.

On receipt of the request the SecureTrading application validates the Operator Site, Player and Reversal details using the details stored in the SecureTrading application before processing the reversal and sending a response to the Operator.

###### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	<a href="https://oprcore.securetradinginc.net/securetrading/opr/stapiSubmitReversal.htm">https://oprcore.securetradinginc.net/securetrading/opr/stapiSubmitReversal.htm</a>

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123456789545",
  "sitePwd": ")*(&^%$#",
  "reversalDetails": {
    "userName": "johnsmith1",
    "transactionType": "REVERSAL",
    "depositSTTransactionNo": "1234567890",
    "accountType": "ECOM",
    "currency": "USD",
    "amount": "1000"
  }
}
```

The table below describes the parameters that are included in the request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
------------	-----------	--------------	-----------------	---------



Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>reversalDetails:</b>				
<b>userName</b>	Alphanumeric	<=25	Y	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>transactionType</b>	Alphanumeric	<=10	Y	It is the Type of transaction performed by the player. For this request the transactionType would be "Reversal".
<b>depositstTransactionNo</b>	Numeric	10	Y	The SecureTrading transaction reference number of the deposit being reversed.
<b>accountType</b>	Alphabetic	<=25	Y	accountType is the payment processing mode received by ST system from operator which is used by the acquirer during transaction authorization. The possible values for accountType are ; 1.ECOM - E-Commerce 2.MOTO - Mail Order/Telephone Order 3.CFT - CardHolder Fund Transfer 4.ACH – Automated Clearing House.
<b>currency</b>	Alphanumeric	3	Y	The currency code in ISO

Field Name	Data Type	Field Length	Mandatory Field	Comment
				format, for example USD for US dollars. If the Operator is unsure which currencies they can process, contact SecureTrading Inc. Support. For a list of currency codes, see <a href="#">Appendix B</a> .
<b>amount</b>	Numeric	12	Y	The amount reversed on the player account. The value is displayed in base units, for example \$10.00 will be submitted as 1000. The amount should be equal to the deposit amount.

### Success Response

In the event of successful validation of Operator, Player, Deposit and Reversal Details, the following success response is returned from the SecureTrading application:

```
{
  "returnCode": "INFO_PFO_00023",
  "returnMsg": "Request processed successfully.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00",
  "recordStatus": "Created",
  "reversalDetails": {
    "operatorId": "000",
    "siteId": "000",
    "transactionType": "REVERSAL",
    "depositSTTransactionNo": "1234567890",
    "stTransactionNo": "1122334455",
    "transactionDate": "2000-12-31T23:59:59.999+01:00",
    "currency": "USD",
    "accountType": "ECOM",
    "amount": "1000"
  }
}
```

The table below lists all the fields in the success response:

Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Not Created',

			'Updated', or 'Failed' in the SecureTrading application even if an error response is returned to the Operator.
<b>reversalDetails:</b>			
<b>operatorId</b>	Numeric	3	Unique identification code assigned to the Operator site.
<b>siteId</b>	Numeric	3	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>transactionType</b>	Alphanumeric	<=10	It is the Type of transaction performed by the player with one of the following values: 1. Deposit 2. Refund 3. Withdrawal 4. Reversal
<b>depositSTTransactionNo</b>	Numeric	10	The SecureTrading transaction reference number of the deposit being reversed.
<b>stTransactionNo</b>	Numeric	21	The transaction identification code generated by SecureTrading if the reversal is successful.
<b>transactionDate</b>	DateTime	29	The date when the transaction was executed. (ISO 8601 Format)
<b>currency</b>	Alphanumeric	3	The currency code in ISO format, for example USD for US dollars. If the Operator is unsure which currencies they can process, contact SecureTrading Inc. Support. For a list of currency codes, see <a href="#">Appendix B</a> .
<b>accountType</b>	Alphabetic	<=25	accountType is the payment processing mode received by ST system from operator which is used by the acquirer during transaction authorization. The possible values for accountType are ; 1.ECOM - E-Commerce 2.MOTO - Mail Order/Telephone Order 3.CFT - CardHolder Fund Transfer 4.ACH – Automated Clearing House.
<b>amount</b>	Numeric	12	The transaction amount to be reversed to the player. The value is displayed in base units, for example \$10.00 will be submitted as 1000.

### Error Response

In the event of a failure, the following error message is returned from SecureTrading.

```
{
  "returnCode":"ERR_PFO_00178",
  "returnMsg":"Site authentication failure.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00"
}
```

Or,

```
{
  "returnCode":"ERR_PFO_00001",
  "returnMsg":"Validation Failure - Field validation failure.
Please see validation Errors for more details.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "recordStatus":"Failed",
  "validation Errors":
    [
      {
        "validationError":"Invalid operatorId. ",
        "validationField":"operatorId"
      }
    ]
}
```

The table below lists all the fields in the error response:

Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Not Created', 'Updated', or 'Failed' in the SecureTrading application even if an error response is returned to the Operator.
<b>validation Errors:</b>			
<b>validationError</b>	Alphanumeric	<=256	Field validation error description.
<b>validationField</b>	Alphanumeric	<=64	Field name for which field validation failed.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Transaction](#) module of the [Appendix](#) section.

## 7.5 Retrieve Player Transaction Details using API

Once a Player has submitted a transaction, if the Operator wishes to retrieve the transaction details, the Operator can submit a request to retrieve the details as outlined below:

**Retrieve Transaction Details** – The Operator submits the required authentication details to the SecureTrading application along with the details of the transaction to be retrieved. The details are validated and the transaction record is returned.

### 7.5.1 Steps Involved

A player transaction is retrieved as outlined in the step below.

### 7.5.1.1 Retrieve Transaction Details

#### Description

Upon receipt of the request the SecureTrading application authenticates the Operator and performs a search for the specified transaction. Once the requested is verified, the associated transaction details are returned in response to the Operator.

#### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	<a href="https://oprcore.securetradinginc.net/securetrading/opr/stapiGetTransactionDetails.htm">https://oprcore.securetradinginc.net/securetrading/opr/stapiGetTransactionDetails.htm</a>

A sample JSON Request body is included below:

```
{
  "operatorId": "123",
  "siteId": "121",
  "siteUsername": "123456789545",
  "sitePwd": ")*(&^%$#",
  "stTransactionNo": "1234567890",
  "orderReference": "123456",
  "flag": "retrieve"
}
```

The table below lists the fields to be included in the JSON request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated by the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated by the SecureTrading application while registering the Operator.
<b>stTransactionNo</b>	Alphanumeric	10	Y	The unique identification

Field Name	Data Type	Field Length	Mandatory Field	Comment
				code assigned to the transaction by the SecureTrading application.
<b>orderReference</b>	Alphanumeric	999	N	The reference number generated by the Operator for the transaction. This number is referenced when SecureTrading retrieves the corresponding transaction details.
<b>flag</b>	Alphanumeric	7	Y	The task to be performed. The possible values are: <ul style="list-style-type: none"> <li>retrieve - Retrieve player transaction.</li> <li>update - Update player transaction.</li> </ul>

### Success Response

In the event of successful transaction retrieval, the following success response is returned from SecureTrading.

```
{
  "returnCode":"INFO_PFO_00023",
  "returnMsg":"Request processed successfully.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "transactionDetails":
    {
      "operatorId":"000",
      "siteId":"000",
      "stTransactionNo":"1234567890",
      "orderReference":null,
      "transactionDate":"2000-12-31T23:59:59.999+01:00",
      "settledDate":null,
      "status":"Pending Settlement",
      "currency":"USD",
      "amount":"1000"
    }
}
```

The table below lists all the fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format)

Response Field Name	Data Type	Field Length	Comment
			of the transaction recorded by the SecureTrading application.
<b>transactionDetails:</b>			
<b>operatorId</b>	Numeric	3	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>stTransactionNo</b>	Alphanumeric	10	The unique identification code assigned to the transaction by the SecureTrading application.
<b>orderReference</b>	Alphanumeric	999	The reference number generated and sent by the Operator to retrieve the transaction.
<b>transactionDate</b>	DateTime	29	The date when the transaction was executed. (ISO 8601 Format)
<b>settledDate</b>	DateTime	29	The SecureTrading application processes all transactions and sends the output file to the acquirer to close the transaction. This date is updated as the settled date for the transaction in SecureTrading.
<b>status</b>	Alphanumeric	17	<p>The status of the transaction. The possible values are:</p> <ul style="list-style-type: none"> <li>• Pending Settlement – The transaction is due to settle on the next settlement run.</li> <li>• Reversed – The transaction has been reversed.</li> <li>• Sent for Settlement -All transactions that are due to settle are in the process of being submitted to the Acquirer.</li> <li>• Suspended - The transaction is currently suspended and may need manual intervention before it can be sent for settlement.</li> <li>• Settle Override - The status of the transaction has been manually overridden.</li> <li>• Awaiting Settlement- The transaction is set to settle, but not on the next settlement run. To see the expected settled date, please see settledDate.</li> <li>• Authorization Failed- This transaction was not authorized by the Acquirer.</li> </ul>

Response Field Name	Data Type	Field Length	Comment
			<ul style="list-style-type: none"> <li>Settled – The transaction has settled.</li> </ul>
<b>currency</b>	Alphanumeric	3	The currency code in ISO format, for example USD for US dollars. If the Operator is unsure which currencies they can process, contact SecureTrading Inc. Support. For a list of currency codes, see <a href="#">Appendix B</a> .
<b>amount</b>	Numeric	12	The amount of deposit, refund or reversal processed on the player account. The value is displayed in base units, for example \$10.00 will be submitted as 1000.

### Error Response

In the event of a failure, the following error response is returned from SecureTrading.

```
{
  "returnCode": "ERR_PFO_00001",
  "returnMsg": "Validation Failure - Field validation failure. Please see validationErrors for more details.",
  "stTimeStamp": "2013-04-09T17:18:10.277+05:30",
  "recordStatus": "Failed",
  "validationErrors":
    [
      {
        "validationField": "siteUsername",
        "validationError": "Invalid siteUserName."
      }
    ]
}
```

The table below lists all the fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the returnCode.
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Transaction](#) module of the [Appendix](#) section.



## 7.6 Update Player Transaction Details

If the Operator wishes to update the transaction details, the Operator can submit a request to update the details as outlined below:

**Update Transaction Details** – The Operator submits the required authentication details to the SecureTrading application along with the details of the transaction to be updated. The details are validated and the transaction record is updated and returned.

The player transaction details cannot be updated if the transaction status is Cancelled, Reversed, Settling, or Settled.

### 7.6.1 Steps Involved

A Player transaction is updated as outlined in the step below.

#### 7.6.1.1 Update Transaction Details

##### Description

The Operator submits the player transaction details along with the details that have to be updated to the SecureTrading application.

##### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	<a href="https://oprcore.securetradinginc.net/securetrading/opr/stapiUpdateTransaction.htm">https://oprcore.securetradinginc.net/securetrading/opr/stapiUpdateTransaction.htm</a>

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123456789545",
  "sitePwd": ")*(&^%$#",
  "stTransactionNo": "1234567890",
  "orderReference": "45587",
  "settledDate": "2000-02-19",
  "status": "Awaiting Settlement",
  "flag": "update"
}
```

The table below lists the fields to be included in the JSON request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
operatorId	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
siteId	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>stTransactionNo</b>	Alphanumeric	10	Y	The unique identification code assigned to the transaction by SecureTrading application.
<b>orderReference</b>	Alphanumeric	999	Y – If stTransacti onNo is available. N - If stTransacti onNo is not available.	The reference number generated and sent by the Operator for the transaction. This number is referenced when SecureTrading updates and returns the transaction details.
<b>settledDate</b>	Date	10	Y - If there is no status in the request.  Optional - If there is status in the request (settledDate will be updated only if the status is given as "Awaiting Settlement").	The SecureTrading application processes all transactions and sends the output file to the acquirer to close the transaction. This date is updated as the settle due date (yyyy-mm-dd) for the transaction in SecureTrading and the status will be updated as Settle Override (if status is not provided).
<b>status</b>	Alphanumeric	17	Y - If there is no settled date in the request.  Optional - If there is settled date in the request.	The status of the transaction. The possible values are: <ul style="list-style-type: none"> <li>• <b>Suspended</b> - The transaction is currently suspended and may need manual intervention before it can be sent for settlement.</li> <li>• <b>Awaiting Settlement</b> - The transaction is</li> </ul>

Field Name	Data Type	Field Length	Mandatory Field	Comment
				set to settle, but not on the next settlement run. To see the expected settled date, please see settledDate. <ul style="list-style-type: none"><li>• <b>Cancelled</b> - The transaction is set to be cancelled.</li></ul>
<b>flag</b>	Alphanumeric	7	Y	The task to be performed using the request. The possible values are: <ul style="list-style-type: none"><li>• <b>retrieve</b> - Retrieve player transaction.</li><li>• <b>update</b> - Update player transaction.</li></ul>

## Success Response

In the event of successful update, the following success response is returned from SecureTrading application.

```
{
  "returnCode":"INFO_PFO_00023",
  "returnMsg":"Request processed successfully.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "recordStatus":"Created",
  "transactionDetails":
    {
      "operatorId":"000",
      "siteId":"000",
      "stTransactionNo":"1234567890",
      "orderReference":null,
      "transactionDate":"2000-12-31T23:59:59.999+01:00",
      "settledDate":"2000-12-31T23:59:59.999+01:00",
      "status":"Settle Override",
      "currency":"USD",
      "amount":"1000"
    }
}
```

The table below lists all the fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Not Created', 'Updated', or 'Failed' in the SecureTrading application even if an error response is returned to the Operator.
<b>transactionDetails:</b>			
<b>operatorId</b>	Numeric	3	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>stTransactionNo</b>	Alphanumeric	10	The unique identification code assigned to the transaction by SecureTrading application.
<b>orderReference</b>	Alphanumeric	999	The reference number generated and sent by the Operator for the transaction.

Response Field Name	Data Type	Field Length	Comment
<b>transactionDate</b>	DateTime	29	The date when the transaction was executed. (ISO 8601 Format)
<b>settledDate</b>	DateTime	29	The SecureTrading application processes all transactions and sends the output file to the acquirer to close the transaction. This date is updated as the settled date for the transaction in SecureTrading.
<b>status</b>	Alphanumeric	17	<p>The status of the transaction. The possible values are:</p> <ul style="list-style-type: none"> <li>• <b>Suspended</b> - The transaction is currently suspended and may need manual intervention before it can be sent for settlement.</li> <li>• <b>Settle Override</b> - The status of the transaction has been manually overridden.</li> </ul>
<b>currency</b>	Alphanumeric	3	The currency code in ISO format, for example USD for US dollars. If the Operator is unsure which currencies they can process, contact SecureTrading Inc. Support. For a list of currency codes, see <a href="#">Appendix B</a> .
<b>amount</b>	Numeric	12	The amount of deposit, refund or reversal processed on the player account. The value is displayed in base units, for example \$10.00 will be submitted as 1000.

## Error Response

In the event of a failure, the following error response is returned from SecureTrading.

```
{
  "returnCode":"ERR_PFO_00001",
  "returnMsg":"Validation Failure - Field validation failure.
Please see validationErrors for more details.",
  "stTimeStamp":"2013-04-09T17:18:10.277+05:30",
  "recordStatus":"Failed",
  "validationErrors":
    [
      {
        "validationField":"siteUsername",
        "validationError":"Invalid siteUsername."
      }
    ]
}
```

The table below lists all the fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Transaction](#) module of the [Appendix](#) section.

## 7.7 Card Retrieval Service

If the Operator wishes to retrieve the player card details while performing any transaction, the Operator can submit a request to retrieve the card details as outlined below:

**Retrieve Card Details** – The Operator submits Operator and player details to retrieve the corresponding player card details from the SecureTrading application while performing a transaction.

### 7.7.1 Steps Involved

The player's card details are retrieved as outlined below.

#### 7.7.1.1 Retrieve Card Details

##### Description

In order for to retrieve a Player's card details, the Operator must first authenticate with the SecureTrading application as well as supply the details of the player whose card details are to be returned.

On receipt of the request the SecureTrading application validates the Operator Site and Player details using the details stored in the SecureTrading application before sending the response to the Operator.

##### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	<code>https://oprcore.securetradinginc.net/securetrading/opr/stapiGetRegisteredCards.htm</code>

A sample JSON Request body is included below:

```
{
```

```

"operatorId":"000",
"siteId":"000",
"siteUsername":"123456789545",
"sitePwd":")*(^%$#",
"userName":"johnsmith1"
}

```

The table below lists all the fields in the JSON request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>userName</b>	Alphanumeric	<=25	Y	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.

### Success Response

In the event of successful retrieval, the following success response is returned from the SecureTrading application.

```

{
  "returnCode":"INFO_PFO_00023",
  "returnMsg":"Request processed successfully.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "operatorId":"000",
  "siteId":"000",
  "userName":"johnsmith1",
  "cardList":
    [
      {

```

```

    "cardType": "MASTERCARD",
    "cardNumber": "*****2461",
    "cardToken": "gCIxtcEQSdV38bO7Lav_J50eq-",
    "expiryDate": "03/2012"
  },
  {
    "cardType": "VISA",
    "cardNumber": "*****2131",
    "cardToken": "2c_4zmohdUqm3H2RjA7K8O3P58DWi4kL_8",
    "expiryDate": "03/2013"
  }
]

```

The table below lists all the fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>operatorId</b>	Numeric	3	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>userName</b>	Alphanumeric	<=25	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>cardList:</b>			
<b>cardType</b>	Alphanumeric	3	Type of Card: <ul style="list-style-type: none"> <li>• VISA</li> <li>• MASTERCARD</li> <li>• VISA DEBIT</li> <li>• MASTERCARD DEBIT</li> <li>• DELTA</li> <li>• ELECTRON</li> <li>• DINERSCLUB</li> <li>• AMEX</li> <li>• PURCHASING</li> <li>• DISCOVER</li> </ul> The card types are case sensitive and is displayed in uppercase. The Operator has to contact SecureTrading to list the type of cards that can be processed.



Response Field Name	Data Type	Field Length	Comment
<b>cardNumber</b>	Numeric	25	The number of the payment card. The first six digits and the last four digits are displayed and the remaining digits are masked.
<b>cardToken</b>	Alphanumeric	<=64	The payment card reference number.
<b>expiryDate</b>	Date mm/dd/yyyy	10	The date when the payment card expires.

## Error Response

In the event of a failure, the following error response is returned from SecureTrading.

```
{
  "returnCode":"ERR_PFO_00001",
  "returnMsg":"Validation Failure - Field validation failure.
Please see validationErrors for more details.",
  "stTimeStamp":"2013-04-09T17:18:10.277+05:30",
  "recordStatus":"Failed",
  "validationErrors":
    [
      {
        "validationField":"siteUsername",
        "validationError":"Invalid siteUserName."
      }
    ]
}
```

The table below lists all the fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Transaction](#) module of the [Appendix](#) section.

## 7.8 Account Retrieval Service

If the Operator wishes to retrieve the player account details while performing any transaction, the Operator can submit a request to retrieve the account details as outlined below:

**Retrieve account Details** – The Operator submits Operator and player details to retrieve the corresponding player account details from the SecureTrading application while performing a transaction.

### 7.8.1 Steps Involved

The player's account details are retrieved as outlined below.

#### 7.8.1.1 Retrieve Account Details

##### Description

In order for to retrieve a Player's account details, the Operator must first authenticate with the SecureTrading application as well as supply the details of the player whose account details are to be returned.

On receipt of the request the SecureTrading application validates the Operator Site and Player details using the details stored in the SecureTrading application before sending the response to the Operator.

##### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	<a href="https://oprcore.securetradinginc.net/securetrading/opr/stapiGetRegisteredAccounts.htm">https://oprcore.securetradinginc.net/securetrading/opr/stapiGetRegisteredAccounts.htm</a>

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123456789545",
  "sitePwd": ")*(&^%$#",
  "userName": "johnsmith1"
}
```

The table below lists all the fields in the JSON request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated in the

				SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>userName</b>	Alphanumeric	<=25	Y	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.

### Success Response

In the event of successful retrieval, the following success response is returned from the SecureTrading application.

```
{
  "returnCode":"INFO_PFO_00023",
  "returnMsg":"Request processed successfully.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "operatorId":"000",
  "siteId":"000",
  "userName":"johnsmith1",
  "accountList":
    [
      {
        "bankAccountType":"SAVINGS",
        "last4DigitsOfAccount":"0421",
        "accountToken":"gCIxtcEQSdV38b07Lav_J50eq-",
        "bankName":"FIRSTBANK",
      }
    ]
}
```

The table below lists all the fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.

Response Field Name	Data Type	Field Length	Comment
<b>operatorId</b>	Numeric	3	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>userName</b>	Alphanumeric	<=25	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>accountList:</b>			
<b>bankAccountType</b>	Alphabets	<=17	The Type of account the account number belongs to. 1. SAVINGS 2.CHECKING 3. BUSINESS CHECKING.
<b>last4DigitsOfaccount</b>	Numeric	4	The last 4 digits of the account.
<b>accountToken</b>	Alphanumeric	<=64	The payment account reference number.
<b>bankName</b>	Alphanumeric, [ISO 8859-1 Characters], space	<=127	The name of the bank in which Account number is present.

### Error Response

In the event of a failure, the following error response is returned from SecureTrading.

```
{
  "returnCode":"ERR_PFO_00001",
  "returnMsg":"Validation Failure - Field validation failure.
Please see validationErrors for more details.",
  "stTimeStamp":"2013-04-09T17:18:10.277+05:30",
  "recordStatus":"Failed",
  "validationErrors":
    [
      {
        "validationField":"siteUsername",
        "validationError":"Invalid siteUserName."
      }
    ]
}
```

The table below lists all the fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the

			<b>returnCode.</b>
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Transaction](#) module of the [Appendix](#) section.

## 8 Player Social Security Number (SSN) Service

The Operator can retrieve or update player Social Security Number (SSN) of registered players using this service. The action performed (retrieve or update) is determined by the value specified in the **flag** parameter of the request.

- To retrieve the SSN details, the **flag** parameter in the request should be set to "**ssnLookup**".
- To update the SSN details for US Players the following two requests must be submitted:
  - For the first request the **flag** parameter in the request should be set to "**ssnUpdateInitial**". On receipt of the request, the SecureTrading application initiates a KYC check and returns questions to the Operator to verify with the player.
  - On receipt of the answers to the KYC check questions from the player, the Operator submits the answers to SecureTrading in the second request and the **flag** parameter is set to "**ssnUpdateFinal**". Once validated the SecureTrading application updates the Player SSN information.
- To update the SSN details for Non US Players only a single request is required. The **flag** parameter should be set to "**ssnUpdateInitial**" and on receipt of the request the SecureTrading application updates the Player SSN information.

The procedures to retrieve SSN details, update SSN details for US and Non US players are explained in the sections below.

### 8.1 Retrieve SSN Details

If the Operator wishes to retrieve player Social Security Number (SSN), the Operator can submit a request as outlined below:

**Submit SSN Details** – The Operator submits the required authentication and player details along with a flag indicating the action to be performed.

#### 8.1.1 Steps Involved

The SSN is retrieved as outlined in the step below.

##### 8.1.1.1 Submit SSNLookup Request

###### Description

In order to submit an SSNLookup Request, the Operator must first authenticate with the SecureTrading application as well as supply the details of the player and the action to be performed by the service using the **ssnLookup** flag.

On receipt of the request the SecureTrading application validates the Operator Site and Player details using the details stored in the SecureTrading application before processing the request and returning the appropriate response to the Operator.

## Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	https://oprcore.securetradinginc.net/securetrading/opr/stapiGetPlayerSSN.htm

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123456789545",
  "sitePwd": ")*(&^%$#",
  "userName": "johnsmith1",
  "flag": "ssnLookup"
}
```

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>userName</b>	Alphanumeric	<=25	Y	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>flag</b>	Alphanumeric	16	Y	The task to be performed by the SecureTrading application. Possible values are: ssnLookup - To retrieve the SSN for a particular player.

## Success Response

In the event of a successful ssnLookup, the following success response is returned from the SecureTrading application.

```
{
  "returnCode":"INFO_PFO_00023",
  "returnMsg":"Request processed successfully.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "ssnDetails":
    {
      "operatorId":"000",
      "siteId":"000",
      "userName":"johnsmith1",
      "ssn":"427310848"
    }
}
```

The table below lists all the fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	Alphanumeric	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>ssnDetails:</b>			
<b>operatorId</b>	Numeric	3	The identification code of the Operator site assigned by the Secure Trading application.
<b>siteId</b>	Numeric	3	Unique identification code assigned to the Operator site by the Secure Trading application.
<b>userName</b>	Alphanumeric	<=25	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>ssn</b>	Alphanumeric [0-9]	9	The Social Security Number of the Player.

## Error Response

In the event of a failure, the following error response is returned to SecureTrading.

```
{
  "returnCode":"ERR_PFO_00001",
  "returnMsg":"Validation Failure - Field validation failure. Please see validation Errors for more details.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "recordStatus":"Failed",
  "validation Errors":
    [
```



```
{
  "validationError": "Invalid operatorId.",
  "validationField": "operatorId"
}
```

The table below lists all the fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	Alphanumeric	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Not Created', 'Updated', or 'Failed' in the SecureTrading application even if an error response is returned to the Operator.
<b>validation Errors:</b>			
<b>validationError</b>	Alphanumeric	<=256	Field validation error description.
<b>validationField</b>	Alphanumeric	<=64	Field name for which field validation failed.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Transaction](#) module of the [Appendix](#) section.

## 8.2 Update Social Security Number (SSN) in Player Details for US Players

### Description

If the Operator wishes to update the player SSN for an US Player, the Operator can submit a request as outlined below:

The process for updating the Social Security Number is follows:

#### EID COMPARE:

**Validate Operator and SSN Details** – The Operator submits the required authentication details to SecureTrading application for validation along with the SSN details to be updated using the **ssnUpdateInitial** flag. SecureTrading verifies the request and updates the SSN details in the application.

#### EID VERIFY:

1. **Validate Operator and SSN Details** – The Operator submits the required authentication details to SecureTrading application for validation along with the SSN details to be updated using the **ssnUpdateInitial** flag. SecureTrading returns set of validation questions to the Operator that has to be displayed to the player.
2. **Submit KYC Responses and Update SSN Details** – The Operator returns the player's response to the validation questions, to the SecureTrading application along with the flag **ssnUpdateFinal**. SecureTrading verifies the answers and updates the SSN details in the application.

### 8.2.1 Steps Involved

SSN update processes vary as **EID COMPARE** and **EID VERIFY** as follows. It has to be configured while setting up an Operator.

#### 8.2.1.1 EID VERIFY:

##### Description

The Operator submits the Operator, Player and SSN Details to the SecureTrading application for validation. The SecureTrading application returns a **responseToken** along with the validation questions to the Operator that is displayed to the player for validation.

##### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	<a href="https://oprcore.securetradinginc.net/securetrading/opr/stapiGetPlayerSSN.htm">https://oprcore.securetradinginc.net/securetrading/opr/stapiGetPlayerSSN.htm</a>

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123456789545",
  "sitePwd": ")*(&^%$#",
  "userName": "johnsmith1",
  "ssn": "427310848",
  "flag": "SSNUpdateInitial"
}
```

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>siteUsername</b>	Numeric	<=14	Y	The user name of the Operator site and is generated by the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated by the SecureTrading application while registering the Operator.
<b>userName</b>	Alphanumeric	<=25	Y	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>ssn</b>	Alphanumeric [0-9]	9	Y	The Social Security Number of the Player.
<b>flag</b>	Alphanumeric	7	Y	<p>The task to be performed by the SecureTrading application. Possible values are:</p> <ul style="list-style-type: none"> <li>• <b>ssnUpdateInitial</b> - This flag is sent by the Operator requesting the SecureTrading application to update the SSN. <ul style="list-style-type: none"> <li>○ For Non US Players, the SSN is updated.</li> <li>○ For US Players the KYC check questions are sent to the Operator.</li> </ul> </li> <li>• <b>ssnUpdateFinal</b> - This flag is sent by the Operator requesting the SecureTrading application to update the SSN. <ul style="list-style-type: none"> <li>○ For US Players the Operator submits the KYC check answers to</li> </ul> </li> </ul>

Field Name	Data Type	Field Length	Mandatory Field	Comment
				SecureTrading to update the SSN.

### Success Response

In the event of success, the following success response is returned from SecureTrading system.

```
{
  "responseToken": "I-XqHjf3QI0WN5ijL9GbKWXThg7UwOt7_kRnXf_GJRA=",
  "returnCode": "INFO_PFO_00023",
  "returnMsg": "Request processed successfully.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00",
  "recordStatus": "Created",
  "ssnDetails": {
    "operatorId": "000",
    "siteId": "000",
    "userName": "johnsmith1",
    "ssn": "427310848",
    "transactionKey": "0000000001080000000140084",
    "interactiveQuery": {
      "interactiveQueryId": 1,
      "question": [
        {
          "questionId": 1,
          "questionTextId": null,
          "questionTokens": null,
          "choiceCode": null,
          "questionText": "On which of the following streets have you lived?",
          "answerChoice": [
            {
              "value": "SADDLE",
              "answerId": 1
            },
            {
              "value": "SALLEY",
              "answerId": 2
            },
            {
              "value": "SENEYPOND",
              "answerId": 3
            },
            {
              "value": "WALNUT",
              "answerId": 4
            },
            {
              "value": "NONE OF THE ABOVE",
              "answerId": 5
            }
          ]
        }
      ]
    }
  }
}
```

```
    },
    {
      "questionId":2,
      "questionTextId":null,
      "questionTokens":null,
      "choiceCode":null,
      "questionText":"In which of the
following cities have you lived?",
      "answerChoice":
        [
          {
            "value":"ADAIRSVILLE"
            "answerId":1
          },
          {
            "value":"ARAGON",
            "answerId":2
          },
          {
            "value":"ARMUCHEE",
            "answerId":3
          },
          {
            "value":"BALLGROUND",
            "answerId":4
          },
          {
            "value":"NONE OF THE ABOVE"
            "answerId":5
          }
        ]
    },
    {
      "questionId":3,
      "questionTextId":null,
      "questionTokens":null,
      "choiceCode":null,
      "questionText":"In which of the
following counties or county
equivalent (Borough, Parish, etc.) have you
lived?",
      "answerChoice":
        [
          {
            "value":"BARTOW",
            "answerId":1
          },
          {
            "value":"CHEROKEE",
            "answerId":2
          },
          {
            "value":"FLOYD",
            "answerId":3
          },
          {
            "value":"POLK",
            "answerId":4
          },
          {
            "value":"NONE OF THE ABOVE"
```

```

        "answerId":5
      }
    ],
    {
      "questionId":4,
      "questionTextId":null,
      "questionTokens":null,
      "choiceCode":null,
      "questionText":"Which of the following
is your middle or former name?",
      "answerChoice":
        [
          {
            "value":"GYNICQUA",
            "answerId":1
          },
          {
            "value":"GYNIELLE",
            "answerId":2
          },
          {
            "value":"GYOUNGIL",
            "answerId":3
          },
          {
            "value":"GYRGLESTON",
            "answerId":4
          },
          {
            "value":"NONE OF THE
ABOVE",
            "answerId":5
          }
        ]
    }
  ]
}

```

The table below lists all the fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code returned from SecureTrading and used as <b>requestToken</b> in <a href="#">Step 2</a> .
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	Alphanumeric	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.

Response Field Name	Data Type	Field Length	Comment
<b>ssnDetails:</b>			
<b>operatorId</b>	Numeric	3	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Unique identification code assigned to the Operator site by the Secure Trading application.
<b>userName</b>	Alphanumeric	<=25	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>ssn</b>	Alphanumeric [0-9]	9	The Social Security Number of the Player.
<b>transactionKey</b>	Alphanumeric	40	A unique code assigned to a particular transaction when the KYC check is performed.
<b>interactiveQuery:</b>			
<b>interactiveQueryId</b>	Numeric	1	The code returned from the third-party after the KYC check is performed.
<b>question:</b>			
<b>questionId</b>	Numeric	1	It defines the question number in sequence of the questions returned.
<b>questionTextId</b>	Numeric		questionTextId which will be returned from Equifax.
<b>questionTokens</b>	Alphanumeric		questionTokens which will be returned from Equifax.
<b>choiceCode</b>	Alphanumeric		choiceCode which will be returned from Equifax.
<b>questionText</b>	Alphanumeric	NA	The question displayed to the player.
<b>answerChoice:</b>			
<b>value</b>	Alphanumeric	NA	The possible answers to the player verification questions.
<b>answerId</b>	Numeric	1	It defines the answer number for the corresponding questionId.

### Error Response

In the event of a failure, the following error response is returned from SecureTrading.

```
{
  "returnCode":"ERR_PFO_00001",
  "returnMsg":"Validation Failure - Field validation failure.
Please see validation Errors for more details.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "recordStatus":"Failed",
  "validation Errors":
    [
      {
        "validationError":"Invalid operatorId.",
        "validationField":"operatorId"
      }
    ]
}
```

```

    }
  }
}

```

The table below describes the fields in error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Not Created', 'Updated', or 'Failed' in the SecureTrading application even if an error response is returned to the Operator.
<b>validation Errors:</b>			
<b>validationError</b>	Alphanumeric	<=256	Field validation error description.
<b>validationField</b>	Alphanumeric	<=64	Field name for which field validation failed.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Transaction](#) module of the [Appendix](#) section.

#### 8.2.1.1.1 Submit KYC Responses and Update SSN Details

##### Description

The Operator returns the player validation responses to the SecureTrading application for validation. After validating, the SSN is updated in the player details.

##### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	<code>https://oprcore.securetradinginc.net/securetrading/opr/stapiUpdatePlayerSSN.htm</code>

A sample JSON Request body is included below:

```

{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123456789545",
  "sitePwd": ")*(&^%$#",
  "flag": "ssnUpdateFinal",

```



```

"iqRequest":
{
  "requestToken":"1gNXr12wnctP8Om3zRSdmW8xHgAlooWJNXo",
  "interactiveQueryId":1,
  "answer":
  [
    {
      "answerId":1,
      "questionId":1
    },
    {
      "answerId":2,
      "questionId":2
    },
    {
      "answerId":1,
      "questionId":3
    },
    {
      "answerId":1,
      "questionId":4
    }
  ]
}

```

The table below describes the fields included in the request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>requestToken</b>	Alphanumeric	<=64	Y	The <b>responseToken</b> generated during request SSN update.
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated by the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated by the SecureTrading application while registering the Operator.
<b>iqRequest:</b>				
<b>interactiveQueryId</b>	Numeric	1	Y	The code returned from the third-party after the KYC check is performed.

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>ssn</b>	Alphanumeric [0-9]	9	N	The Social Security Number of the Player.
<b>flag</b>	Alphanumeric	16	Y	<p>The task to be performed by the SecureTrading application. Possible values are:</p> <ul style="list-style-type: none"> <li>• <b>ssnUpdateInitial</b> - This flag is sent by the Operator requesting the SecureTrading application to update the SSN. <ul style="list-style-type: none"> <li>○ For Non US Players, the SSN is updated.</li> <li>○ For US Players the KYC check questions are sent to the Operator.</li> </ul> </li> <li>• <b>ssnUpdateFinal</b> - This flag is sent by the Operator requesting the SecureTrading application to update the SSN. <ul style="list-style-type: none"> <li>○ For US Players the Operator submits the KYC check answers to SecureTrading to update the SSN.</li> </ul> </li> </ul>
<b>answer :</b>				
<b>answerId</b>	Numeric	1	Y	It defines the answer number for the corresponding questionId.
<b>questionId</b>	Numeric	1	Y	It defines the question number in sequence of the questions returned.

### Success Response

In the event of a successful update of the player's SSN, the following success response is returned from SecureTrading application.

```
{
  "returnCode": "INFO_PFO_00023",
  "returnMsg": "Request processed successfully.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00",
  "recordStatus": "Updated",
  "ssnDetails":
```

```
{
  "operatorId": "000",
  "siteId": "000",
  "userName": "johnsmith1",
  "ssn": "427310848"
}
```

The table below lists all the fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code assigned to the response sent from the SecureTrading application to the Operator.
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Not Created', 'Updated', or 'Failed' in the SecureTrading application even if an error response is returned to the Operator.
<b>ssnDetails:</b>			
<b>operatorId</b>	Numeric	3	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Unique identification code assigned to the Operator site by the Secure Trading application.
<b>userName</b>	Alphanumeric	<=25	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>transactionKey</b>	Alphanumeric	40	A unique code assigned to a particular transaction when the KYC check is performed.
<b>interactiveQuery</b>	Numeric	1	The code returned from Equifax.
<b>ssn</b>	Alphanumeric [0-9]	9	The Social Security Number of the Player.

## Error Response

In the event of a failure, the following error response is returned from SecureTrading.

```
{
  "returnCode": "ERR_PFO_00001",
}
```

```

"returnMsg": "Validation Failure - Field validation failure.
Please see validation Errors for more details.",
"stTimeStamp": "2000-12-31T23:59:59.999+01:00",
"recordStatus": "Failed",
"validation Errors":
  [
    {
      "validationError": "Invalid operatorId.",
      "validationField": "operatorId"
    }
  ]
}

```

The table below lists all the fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Not Created', 'Updated', or 'Failed' in the SecureTrading application even if an error response is returned to the Operator.
<b>validation Errors:</b>			
<b>validationError</b>	Alphanumeric	<=256	Field validation error description.
<b>validationField</b>	Alphanumeric	<=64	Field name for which field validation failed.



The Personal Verification Check (EID VERIFY, EID COMPARE) is only performed for US based players. And these Checks are configured by the Operator in Operator Setup as either **EID VERIFY** or **EID COMPARE**. Any non-US based players will fail the check and will need to be manually overridden using the Admin screens.

#### 8.2.1.2 EID COMPARE:

##### Description

The Operator submits the Operator, Player and SSN Details to the SecureTrading application for validation. The SecureTrading application returns a success response along with the updated SSN.

##### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON	<a href="https://oprcore.securetradinginc.net/securetrading/opr/stapiGetPlayerSSN.htm">https://oprcore.securetradinginc.net/securetrading/opr/stapiGetPlayerSSN.htm</a>

Request	
---------	--

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123456789545",
  "sitePwd": ")*(&^%$#",
  "userName": "johnsmith1",
  "ssn": "427310848",
  "flag": "ssnUpdateInitial"
}
```

The table below lists all the fields in the success response:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>siteUsername</b>	Numeric	<=14	Y	The user name of the Operator site and is generated by the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated by the SecureTrading application while registering the Operator.
<b>userName</b>	Alphanumeric	<=25	Y	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>ssn</b>	Alphanumeric [0-9]	9	Y	The Social Security Number of the Player.

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>flag</b>	Alphanumeric	7	Y	<p>The task to be performed by the SecureTrading application. Possible values are:</p> <ul style="list-style-type: none"> <li>ssnUpdateInitial - This flag is sent by the Operator requesting the SecureTrading application to update the SSN.</li> </ul>

In the event of a successful update of the player's SSN, the following success response is returned from SecureTrading application.

```
{
  "returnCode":"INFO_PFO_00023",
  "returnMsg":"Request processed successfully.",
  "stTimeStamp":"2000-12-31T23:59:59.999+01:00",
  "recordStatus":"Updated",
  "ssnDetails":
    {
      "operatorId":"000",
      "siteId":"000",
      "userName":"johnsmith1",
      "ssn":"427310848"
    }
}
```

The table below lists all the fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>responseToken</b>	Alphanumeric	<=64	Unique identification code assigned to the response sent from the SecureTrading application to the Operator.
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Updated', or 'Failed' in the SecureTrading application even if an error response is returned to the Operator.
<b>ssnDetails:</b>			
<b>operatorId</b>	Numeric	3	Unique identification code

Response Field Name	Data Type	Field Length	Comment
			assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Unique identification code assigned to the Operator site by the Secure Trading application.
<b>userName</b>	Alphanumeric	<=25	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>ssn</b>	Alphanumeric [0-9]	9	The Social Security Number of the Player.

### Error Response

In the event of a failure, the following error response is returned from SecureTrading.

```
{
  "returnCode": "ERR_PFO_00001",
  "returnMsg": "Validation Failure - Field validation failure.
Please see validationErrors for more details.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00",
  "recordStatus": "Failed",
  "validationErrors":
    [
      {
        "validationError": "Invalid operatorId.",
        "validationField": "operatorId"
      }
    ]
}
```

The table below lists all the fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Updated', or 'Failed' in the SecureTrading application even if an error response is returned to the Operator.
<b>validationErrors:</b>			
<b>validationError</b>	Alphanumeric	<=256	Field validation error description.
<b>validationField</b>	Alphanumeric	<=64	Field name for which field validation failed.

## 9 Perform Self Exclusion Request on the Player Account

The Self Exclusion request allows the player to self exclude from gaming for a specific period. If this option is set on the player account, access to any gaming website is restricted for the chosen period.

Self Exclusion can be enabled on a player record as explained below:

**Enable Self Exclusion** – The Operator submits the Operator, Player, and Self Exclusion details to the SecureTrading application to enable Self Exclusion.

### 9.1 Steps Involved

The Self Exclusion is enabled in the Player record as outlined below.

#### 9.1.1 Enable Self Exclusion

##### Description

In order to submit a Self Exclusion Request, the Operator must first authenticate with the SecureTrading application as well as supply the details of the player and the action to be performed by the service.

On receipt of the request the SecureTrading application validates the Operator Site and Player details using the details stored in the SecureTrading application before performing the request and returning the appropriate response to the Operator.



This request can be executed if the player has been validated and has an active **connectionToken** and **sessionToken**.

##### Request Definition

HTTPS Request Type	HTTPS Request URL
Method = POST, Restful JSON Request	<a href="https://oprcore.securetradinginc.net/securetrading/opr/stapiAddSelfExcludePlayer.htm">https://oprcore.securetradinginc.net/securetrading/opr/stapiAddSelfExcludePlayer.htm</a>

A sample JSON Request body is included below:

```
{
  "operatorId": "000",
  "siteId": "000",
  "siteUsername": "123456789545",
  "sitePwd": ")*(&^%$#",
  "exclusionDetails": {
    "userName": "johnsmith1",
    "fromDate": "03/26/2012",
    "toDate": "06/05/2012",
    "requestHelp": "Y",
    "sessionToken": "233900",
    "connectionToken": "653be279f22dede9310237db59525bd778523e429b7cdd965f092bba916a0ca1"
  }
}
```



}

The table below describes the parameters that are included in the request:

Field Name	Data Type	Field Length	Mandatory Field	Comment
<b>operatorId</b>	Numeric	3	Y	Unique identification code assigned to the Operator generated by the SecureTrading application.
<b>siteId</b>	Numeric	3	Y	Unique identification code assigned to the Operator Site by the Secure Trading application.
<b>siteUsername</b>	Alphanumeric	<=14	Y	The user name of the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>sitePwd</b>	Alphanumeric	<=64	Y	The password set for the Operator site and is generated in the SecureTrading application while registering the Operator.
<b>exclusionDetails:</b>				
<b>userName</b>	Alphanumeric	<=25	Y	The unique user name of the Player that is generated by the Operator in order to uniquely identify the Player in the Operator platform.
<b>fromDate</b>	Date (mm/dd/yyyy)	10	Y	The date from when the Self Exclusion request is enabled. The from date has to be set to current date.
<b>toDate</b>	Date (mm/dd/yyyy)	10	Y	The date till when the Self Exclusion request will be valid.
<b>requestHelp</b>	Boolean Possible Values: 'True', 'False', and 'Null'	1	Y – If the player asks for help in extending Self Exclusion. N – If the player does not need help in extending Self Exclusion	The flag to request help in extending self exclusion on player account. The possible values are: Y: Self exclusion is extended on player account. N: Self exclusion is not extended on player account.

Field Name	Data Type	Field Length	Mandatory Field	Comment
			.	
<b>sessionToken</b>	Alphanumeric	<=64	Y	Unique code identifying the player's session which is generated by the SecureTrading application during the player validation process. This field is then required as a request parameter in any subsequent requests during the players session.
<b>connectionToken</b>	Alphanumeric	<=64	Y	Unique code identifying the player's connection which is generated by the SecureTrading application during the player validation process. This field is then required as a request parameter in any subsequent requests during the players session.

### Success Response

In the event of a successful validation of the Self Exclusion status, the following success response is returned from SecureTrading application:

```
{
  "returnCode": "INFO_PFO_00004",
  "returnMsg": "Self Exclusion setup success.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00",
  "recordStatus": "Created"
}
```

The table below lists all the fields in the success response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.
<b>recordStatus</b>	Alphanumeric	<=15	Confirms whether the record was either 'Created', 'Not Created', 'Updated', or 'Failed' in the SecureTrading application even if an error response is returned to the Operator.

### Error Response

In the event of a failure in validating the Self Exclusion status, the following error response is returned from the SecureTrading application:

```
{
  "returnCode": "ERR_PFO_00005",
  "returnMsg": "Invalid UserName.",
  "stTimeStamp": "2000-12-31T23:59:59.999+01:00"
}
```

The table below lists all the fields in the error response:

Response Field Name	Data Type	Field Length	Comment
<b>returnCode</b>	Alphanumeric	13	The unique identification code sent by SecureTrading for each success or error response sent to the Operator platform.
<b>returnMsg</b>	Alphanumeric	<=250	The description of the <b>returnCode</b> .
<b>stTimeStamp</b>	DateTime	29	The date and time (ISO 8601 format) of the transaction recorded by the SecureTrading application.



All of the possible **returnCode** and **returnMsg** values that are returned from the SecureTrading application are listed in the [Common](#) and [Transaction](#) module of the [Appendix](#) section.

## 10 Appendix A

This section of the document lists the ReturnCodes and the corresponding ReturnMessage values that might be returned from the SecureTrading application.

The messages are classified as Common and Module Specific messages.

- **Common Responses** – This section lists the success and error messages common among all the modules.
- **Module Specific Responses** – This section lists the messages that are unique to the corresponding module only. This list will not include any responses from Common responses.



The Return Codes and Return Messages are used to establish communication between SecureTrading and the Operator and should not be displayed to the player.

### 10.1 Common responses

This section lists the common success and error responses received across all modules in Workflow1.

#### 10.1.1 Common Success Responses

Return Code	Return Message
INFO_PFO_00006	Redirect Player to fetch IP.
INFO_PFO_00023	Request processed successfully.

#### 10.1.2 Common Errors Responses

The following table lists all the error responses received across all modules:

Return Code	Return Message
ERR_PFO_00000	Invalid Content-Type or JSON Request format.
ERR_PFO_00001	Validation Failure - Field validation failure. Please see validation Errors for more details.
ERR_PFO_00002	System Error - Unable to fetch Operator details. Please contact SecureTrading Inc. Support.
ERR_PFO_00003	Invalid siteld.
ERR_PFO_00004	System error - Unable to check site authentication. Please contact SecureTrading Inc. Support.
ERR_PFO_00005	Invalid userName.
ERR_PFO_00009	Invalid siteUsername.
ERR_PFO_00010	Invalid sitePwd.
ERR_PFO_00011	Error parsing the request.
ERR_PFO_00013	System Error – Geo IP Check. Please contact SecureTrading Inc. Support.
ERR_PFO_00014	Invalid request format.
ERR_PFO_00015	System Error – Confidence factor. Please contact SecureTrading Inc. Support.
ERR_PFO_00016	System Error – Whitelisted IP Check. Please contact SecureTrading Inc. Support.
ERR_PFO_00017	Geo IP Check Failure - Confidence level has not been set. Please contact SecureTrading Inc. Support.

Return Code	Return Message
ERR_PFO_00018	Geo IP Check Failure - Geo IP Country/State Confidence level of {0} is less than minimum required Country/State Confidence level of {1}.
ERR_PFO_00019	System Error – Unable to save the IP address. Please contact SecureTrading Inc. Support.
ERR_PFO_00020	System Error – Unable to save Geo IP check response. Please contact SecureTrading Inc. Support.
ERR_PFO_00021	Jurisdiction Check Failure - Data not set for Country {0} and State {1}.
ERR_PFO_00022	Jurisdiction Check Failure - Cannot play from Country {0} and State {1}.
ERR_PFO_00023	System Error – Jurisdiction Check, Please contact SecureTrading Inc. Support.
ERR_PFO_00024	Jurisdiction Check Failure - The Player's age does not meet the minimum age for the Jurisdiction.
ERR_PFO_00025	Minimum Age Check Failure - The Player does not meet the minimum age for the Operator.
ERR_PFO_00026	System Error – Minimum age check. Please contact SecureTrading Inc. Support.
ERR_PFO_00027	OFAC/PEP Check Failure - Player failed OFAC Check.
ERR_PFO_00028	System Error – OFAC Check, Please contact SecureTrading Inc. Support.
ERR_PFO_00029	System Error – PEP Check. Please contact SecureTrading Inc. Support.
ERR_PFO_00030	System Error – Unable to generate a connectionToken. Please contact SecureTrading Inc. Support.
ERR_PFO_00031	The e-mail address is already in use for the Site.
ERR_PFO_00032	System Error – Unable to update the stReferenceNo. Please contact SecureTrading Inc. Support.
ERR_PFO_00033	System Error - Unable to process response. Please contact SecureTrading Inc. Support.
ERR_PFO_00034	System Error - Unable to process request. Please contact SecureTrading Inc. Support.
ERR_PFO_00035	Invalid operatorId.
ERR_PFO_00036	System Error - Unable to generate StTransactionRefNumber. Please contact SecureTrading Inc. Support.
ERR_PFO_00037	Player is Inactive.
ERR_PFO_00038	System Error – Player validation, Please contact SecureTrading Inc. Support
ERR_PFO_00039	Invalid fromDate
ERR_PFO_00040	Invalid toDate
ERR_PFO_00041	toDate must be equal to or after the fromDate.
ERR_PFO_00042	fromDate must be equal to today's date.
ERR_PFO_00047	System Error – Unable to fetch state details. Please contact SecureTrading Inc. Support.
ERR_PFO_00049	System Error – Unable to validate connectionToken. Please contact SecureTrading Inc. Support.
ERR_PFO_00050	Invalid connectionToken.
ERR_PFO_00051	System Error – Unable to generate stReferenceNo. Please contact SecureTrading Inc. Support.
ERR_PFO_00052	System Error – Unable to generate stPlayerId. Please contact SecureTrading Inc. Support.
ERR_PFO_00053	System Error – Unable to generate sessionToken. Please contact SecureTrading Inc. Support.
ERR_PFO_00054	System Error – Unable to generate requestToken. Please contact

Return Code	Return Message
	SecureTrading Inc. Support.
ERR_PFO_00055	System Error – Unable to generate responseToken. Please contact SecureTrading Inc. Support.
ERR_PFO_00056	System Error – Unable to save request details. Please contact SecureTrading Inc. Support.
ERR_PFO_00057	System Error – Unable to save response details. Please contact SecureTrading Inc. Support.
ERR_PFO_00058	System Error – Unable to fetch request details. Please contact SecureTrading Inc. Support.
ERR_PFO_00059	OFAC/PEP Check Failure - Player failed PEP Check.
ERR_PFO_00060	Quova Check Failure- IP Address not found.
ERR_PFO_00061	System Error – Unable to update email sent flag. Please contact SecureTrading Inc. Support.
ERR_PFO_00063	Player age is less than 18.
ERR_PFO_00064	System Error – Unable to update player details. Please contact SecureTrading Inc. Support.
ERR_PFO_00066	Invalid requestToken.
ERR_PFO_00067	Geo IP Check Failure – Suspicious IP.
ERR_PFO_00068	System Error – Please contact SecureTrading Inc. Support.
ERR_PFO_00069	KYC Check Failure - No questions returned.
ERR_PFO_00070	System Error - Unable to perform KYC Check. Please contact SecureTrading Inc Support.
ERR_PFO_00071	KYC Check Failure - NON-US player.
ERR_PFO_00072	KYC Check Failure - Player failed KYC Check.
ERR_PFO_00073	Timeout while performing KYC Check.
ERR_PFO_00074	KYC Check Failure - KYC Field Validation failed.
ERR_PFO_00075	System Error – Unable to fetch Player details. Please contact SecureTrading Inc. Support.
ERR_PFO_00077	Geo IP Check Failure – Invalid IP Address.
ERR_PFO_00078	Geo IP Check Failure - No IP Mapping found.
ERR_PFO_00079	Geo IP Check Failure - Timeout.
ERR_PFO_00080	Geo IP Check Failure - Geo IP System Failure. Please contact SecureTrading Inc. Support.
ERR_PFO_00081	System Error – CAPTCHA. Please contact SecureTrading Inc. Support.
ERR_PFO_00082	System Error – Unable to register Player. Please contact SecureTrading Inc. Support.
ERR_PFO_00086	System Error – Unable to save dummy record, Please contact SecureTrading Inc. Support.
ERR_PFO_00088	System Error – Unable to save existing player details. Please contact SecureTrading Inc. Support.
ERR_PFO_00089	System Error – Unable to modify Player details. Please contact SecureTrading Inc. Support.
ERR_PFO_00090	System Error – CAPTCHA Check, Please contact SecureTrading Inc. Support.
ERR_PFO_00091	Field validation failure.
ERR_PFO_00092	System Error – Unable to fetch county details. Please contact SecureTrading Inc. Support.
ERR_PFO_00094	System Error – Unable to generate response. Please contact SecureTrading Inc. Support.
ERR_PFO_00095	Invalid userName.
ERR_PFO_00099	Media type not acceptable.
ERR_PFO_00100	Media type not supported.
ERR_PFO_00101	Internal Server Error. Conversion not supported/Http message not writable.

Return Code	Return Message
ERR_PFO_00104	System Error – Unable to fetch stPlayerId. Please contact SecureTrading Inc. Support.
ERR_PFO_00105	System Error – Unable to fetch details for the requestToken, please contact SecureTrading Inc. Support.
ERR_PFO_00106	System Error – Bin file unavailable. Please contact SecureTrading Inc. Support.
ERR_PFO_00109	System Error – Unable to pre authorize, please contact SecureTrading Inc. Support.
ERR_PFO_00115	System Error – Unable to update transaction status. Please contact SecureTrading Inc. Support.
ERR_PFO_00117	System Error - Workflow is not defined for the operator, please contact SecureTrading Inc. Support
ERR_PFO_00132	The Operator is not setup to process Deposits.
ERR_PFO_00149	Invalid toDate.
ERR_PFO_00157	The Operator is not setup to process SSN Lookup.
ERR_PFO_00158	userName not found.
ERR_PFO_00159	ssn not found.
ERR_PFO_00160	The Operator is not setup to process SSN Update.
ERR_PFO_00161	Invalid iqRequest.
ERR_PFO_00162	Invalid stReferenceNo.
ERR_PFO_00178	Site authentication failure.
ERR_PFO_00179	System Error - Unable to fetch redirect URLs. Please contact SecureTrading Inc. Support.
ERR_PFO_00181	Invalid request details.
ERR_PFO_00187	Invalid connectionToken or sessionToken, please provide the valid connectionToken and sessionToken to perform the request.
ERR_PFO_00208	Invalid operatorId/Siteld.
ERR_PFO_00209	Invalid deviceFingerPrint.
ERR_PFO_00210	Invalid requestToken.
ERR_PFO_00212	Invalid ipAddress.
ERR_PFO_00213	Answers list is empty.
ERR_PFO_00214	Invalid stPlayerId.
ERR_PFO_00216	Invalid playerAddress2.
ERR_PFO_00218	Invalid connectionToken.
ERR_PFO_00220	Invalid userName.
ERR_PFO_00228	System Error - GeoComply Check. Please contact SecureTrading Inc. Support.
ERR_PFO_00229	GeoComply Check Failure.
ERR_PFO_00284	No Valid GeoComply Key was provided or key return no data
ERR_PFO_00285	The player has failed the location check.
ERR_PFO_00286	Cannot use same encrypted packet again
ERR_PFO_00292	Unexpected error
ERR_PFO_00293	Core libraries are not certified
ERR_PFO_00294	Network connection error
ERR_PFO_00295	Server communication error
ERR_PFO_00296	Client is suspended
ERR_PFO_00297	Solution is disabled
ERR_PFO_00298	Invalid license format
ERR_PFO_00299	Client's license is unauthorized
ERR_PFO_00300	Client's license is expired
ERR_PFO_00301	Invalid custom fields
ERR_PFO_00302	Invalid apikey or secretkey
ERR_PFO_00303	Client is suspended
ERR_PFO_00304	Internal server error

## 10.2 Module Specific Responses (Workflow 1)

This section lists all success and error responses that are unique to each module in Workflow1.

### 10.2.1 Player Registration

This section lists success and error responses generated specific to the player registration process.

#### 10.2.1.1 Success Response

Return Code	Return Message
INFO_PFO_00005	Geo-IP Check success.
INFO_PFO_00007	Player registered successfully.
INFO_PFO_00008	Player registered successfully. Player is currently Suspended - Please provide a userName to set them Active.
INFO_PFO_00021	Please answer personal verification questions.

#### 10.2.1.2 Error Response

Return Code	Return Message
ERR_PFO_00045	System Error – Existing player check. Please contact SecureTrading Inc. Support.
ERR_PFO_00046	System Error – Unable to fetch country details. Please contact SecureTrading Inc. Support.
ERR_PFO_00052	System Error – Unable to generate stPlayerId. Please contact SecureTrading Inc. Support.
ERR_PFO_00062	Incorrect Captcha.
ERR_PFO_00084	System Error – Unable to save Player registration details. Please contact SecureTrading Inc. Support.
ERR_PFO_00085	System Error – Unable to update Player request details. Please contact SecureTrading Inc. Support.
ERR_PFO_00087	System Error – Unable to save Player request status. Please contact SecureTrading Inc. Support.
ERR_PFO_00093	The Operator is not setup to perform registrations.
ERR_PFO_00094	System Error – Unable to generate response. Please contact SecureTrading Inc. Support.
ERR_PFO_00095	Invalid userName.
ERR_PFO_00096	Bad Request. HTTP Message not readable/Missing served request.
ERR_PFO_00097	No request handling method found.
ERR_PFO_00098	HTTP request method not supported.
ERR_PFO_00129	Invalid playerAddress1.
ERR_PFO_00147	Invalid country.
ERR_PFO_00148	Invalid zipcode.
ERR_PFO_00150	Invalid state.
ERR_PFO_00151	city is a mandatory field.
ERR_PFO_00152	county is a mandatory field.
ERR_PFO_00153	zipcode is a mandatory field.
ERR_PFO_00154	Invalid city.
ERR_PFO_00155	Multiple possible counties, please select one.
ERR_PFO_00156	Invalid county.



Return Code	Return Message
ERR_PFO_00182	Player Details already exists.
ERR_PFO_00190	Invalid ssn.
ERR_PFO_00207	System Error - DriverLicense State. Please contact SecureTrading Inc. Support.
ERR_PFO_00224	Invalid age less than 18 year.
ERR_PFO_00230	userName is not unique. Please provide the unique userName.
ERR_PFO_00277	Existing player have the same SSN number
ERR_PFO_00278	SSN is not required for NON-US players
ERR_PFO_00279	state is a mandatory field.
ERR_PFO_00291	Username already exists for the given site
ERR_PFO_00305	Plugin Not Installed

### 10.2.2 Player Validation

This section lists success and error responses generated specific to the player Validation process.

#### 10.2.2.1 Success Response

Return Code	Return Message
INFO_PFO_00002	Player successfully validated.

#### 10.2.2.2 Error Response

Return Code	Return Message
ERR_PFO_00008	Player is self-excluded from the system until {DATE}.
ERR_PFO_00012	Unable to fetch IP Address.
ERR_PFO_00030	System Error – Unable to generate a connectionToken. Please contact SecureTrading Inc. Support.
ERR_PFO_00041	toDate must be equal to or after the fromDate.
ERR_PFO_00042	fromDate must be equal to today's date.
ERR_PFO_00043	System error - Self Exclusion Check, Please contact SecureTrading Inc. Support.
ERR_PFO_00065	System Error – Unable to update self-exclusion flag. Please contact SecureTrading Inc. Support.
ERR_PFO_00185	Invalid sessionToken.

### 10.2.3 Player Modification

This section lists success and error responses generated specific to the player Modification process.

#### 10.2.3.1 Success Response

Return Code	Return Message
INFO_PFO_00009	Player details successfully modified.
INFO_PFO_00030	Please redirect the Player so they can modify their details.

#### 10.2.3.2 Error Response

Return Code	Return Message
ERR_PFO_00031	The e-mail address is already in use for the Site.
ERR_PFO_00048	System Error – Unable to fetch city details. Please contact SecureTrading Inc. Support.
ERR_PFO_00083	System Error – Unable to save Player identification details. Please contact SecureTrading Inc. Support.
ERR_PFO_00166	Nothing to update.

#### 10.2.4 Add Self Exclusion

This section lists success and error responses generated specific to the Add Self Exclusion process.

##### 10.2.4.1 Success Response

Return Code	Return Message
INFO_PFO_00001	Player was previously Self Excluded, please display the screen with the option to continue Self Exclusion.
INFO_PFO_00004	Self Exclusion setup success.

##### 10.2.4.2 Error Response

Return Code	Return Message
ERR_PFO_00006	System Error – Unable to generate stReferenceNo. Please contact SecureTrading Inc. Support.
ERR_PFO_00007	System Error - Self Exclusion Check. Please contact SecureTrading Inc. Support.
ERR_PFO_00044	Self Exclusion Check failure - Player is already self excluded.
ERR_PFO_00050	Invalid connectionToken.
ERR_PFO_00221	Invalid screen shown flag.
ERR_PFO_00222	Invalid requestExtension flag.
ERR_PFO_00223	Invalid requestHelp flag.
ERR_PFO_00221	Invalid screen shown flag.

#### 10.2.5 Retrieve Player Data

This section lists success and error responses generated specific to the Retrieve Player Data process.

##### 10.2.5.1 Success Response

Return Code	Return Message
INFO_PFO_00001	Player was previously Self Excluded, please display the screen with the option to continue Self Exclusion.

##### 10.2.5.2 Error Response

Return Code	Return Message
ERR_PFO_00076	Invalid userName/Invalid emailAddress.

### 10.2.6 Card Management

This section lists success and error responses generated specific to the Card Management process.

#### 10.2.6.1 Success Response

Return Code	Return Message
INFO_PFO_00016	Card successfully registered.
INFO_PFO_00017	Card details successfully modified.
INFO_PFO_00028	Please redirect the Player to register their card.
INFO_PFO_00029	Card details were fetched successfully.

#### 10.2.6.2 Error Response

Return Code	Return Message
ERR_PFO_00051	System Error – Unable to generate stReferenceNo. Please contact SecureTrading Inc. Support.
ERR_PFO_00102	System Error – Unable to fetch card details. Please contact SecureTrading Inc. Support.
ERR_PFO_00103	System Error – Unable to fetch card types. Please contact SecureTrading Inc. Support.
ERR_PFO_00107	The card is already registered and active for this site.
ERR_PFO_00108	System Error – Unable to save card details. Please contact SecureTrading Inc. Support.
ERR_PFO_00109	System Error – Unable to pre authorize, please contact SecureTrading Inc. Support.
ERR_PFO_00110	System Error – Unable to contact acquirer, please contact SecureTrading Inc. Support.
ERR_PFO_00111	System Error – Unable to update card details. Please contact SecureTrading Inc. Support.
ERR_PFO_00112	Authorisation Failure.
ERR_PFO_00113	System Error – Unable to generate cardToken. Please contact SecureTrading Inc. Support.
ERR_PFO_00114	System Error – Unable to fetch Operator details. Please contact SecureTrading Inc. Support.
ERR_PFO_00116	Cannot have more than 3 active cards.
ERR_PFO_00183	System Error - Unable to fetch cardToken number, please contact SecureTrading Inc. Support.
ERR_PFO_00184	System Error - Unable to delete card, please contact SecureTrading Inc. Support
ERR_PFO_00188	Invalid cardNumber.
ERR_PFO_00189	Invalid cardType.
ERR_PFO_00191	Invalid nameOnCard.
ERR_PFO_00211	Invalid cardToken.
ERR_PFO_00215	Invalid Card Status.
ERR_PFO_00217	Invalid masked card.
ERR_PFO_00225	Invalid defaultCard.
ERR_PFO_00280	Card details does not match

### 10.2.7 Account Management

This section lists success and error responses generated specific to the Account Management process.

### 10.2.7.1 Success Response

Return Code	Return Message
INFO_PFO_00032	Account Details successfully modified.
INFO_PFO_00033	Account successfully registered.
INFO_PFO_00034	Please redirect the Player to register their account.
INFO_PFO_00035	Account successfully deleted.
INFO_PFO_00036	Account details were fetched successfully.

### 10.2.7.2 Error Response

Return Code	Return Message
ERR_PFO_00231	The Operator is not set up to manage accounts.
ERR_PFO_00232	Cannot have more than 3 active accounts.
ERR_PFO_00233	accountDetails are empty.
ERR_PFO_00234	Invalid accountNumber.
ERR_PFO_00235	Invalid abaNumber.
ERR_PFO_00236	Invalid bankName.
ERR_PFO_00237	Invalid bankAccountType.
ERR_PFO_00238	Invalid defaultAccount.
ERR_PFO_00239	Invalid AccountToken.
ERR_PFO_00240	Account is not registered for the player.
ERR_PFO_00241	System Error - Unable to fetch account details. Please contact SecureTrading Inc. Support.
ERR_PFO_00242	System Error - Unable to save account details. Please contact SecureTrading Inc. Support.
ERR_PFO_00243	System Error - Unable to update account details. Please contact SecureTrading Inc. Support.
ERR_PFO_00244	The account is already registered and active for this site.
ERR_PFO_00245	System Error - Unable to fetch bankAccountType. Please contact SecureTrading Inc. Support.
ERR_PFO_00246	Inactive account.
ERR_PFO_00247	Cannot delete the default Account.
ERR_PFO_00248	System Error - Unable to delete account, please contact SecureTrading Inc. Support.
ERR_PFO_00249	Invalid deleteFlag
ERR_PFO_00250	System Error - Unable to fetch account details, please contact SecureTrading Inc. Support.
ERR_PFO_00251	System Error - Unable to save account details. Please contact SecureTrading Inc. Support.
ERR_PFO_00252	There are no registered accounts for this Player.
ERR_PFO_00253	Invalid Account Status.
ERR_PFO_00254	Nothing to update for the Account.
ERR_PFO_00281	ATM merchant id is not present
ERR_PFO_00282	ATM merchant password is not present
ERR_PFO_00283	Unable to Update Non-Editable Fields
ERR_PFO_00288	Invalid Account Holder First Name.
ERR_PFO_00290	Invalid Account Holder Last Name.

### 10.2.8 Transaction

This section lists success and error responses generated specific to the Player Transaction process.

#### 10.2.8.1 Success Response

Return Code	Return Message
INFO_PFO_00020	Deposit processed successfully.
INFO_PFO_00024	Player has successfully registered their card and a Deposit was successfully processed.
INFO_PFO_00026	The card is enrolled for 3-D Secure.
INFO_PFO_00027	Please redirect the Player for payment.
INFO_PFO_00037	Player has successfully registered their account and a Deposit was successfully processed.

#### 10.2.8.2 Error Response

Return Code	Return Message
ERR_PFO_00014	Invalid request format.
ERR_PFO_00112	Authorisation Failure.
ERR_PFO_00118	The Operator is not setup to process Deposits.
ERR_PFO_00119	The Operator is not setup to process Withdrawals.
ERR_PFO_00120	Inactive Site.
ERR_PFO_00121	The cardType is not accepted by the Operator.
ERR_PFO_00122	Unable to process the cardType for the selected currency.
ERR_PFO_00123	Card Registration Failure - Unable to register card.
ERR_PFO_00124	Expired card.
ERR_PFO_00125	System Error – Unable to fetching workflow type. Please contact SecureTrading Inc Support.
ERR_PFO_00126	System Error – Unable to fetch Acquirer details. Please contact SecureTrading Inc. Support.
ERR_PFO_00127	Invalid Currency.
ERR_PFO_00128	System Error – Unable to fetch currencies. Please contact SecureTrading Inc. Support.
ERR_PFO_00130	System Error – Unable to fetch card details, please contact SecureTrading Inc. Support
ERR_PFO_00131	Invalid cvv.
ERR_PFO_00132	The Operator is not setup to process Deposit.
ERR_PFO_00133	Invalid cardToken.
ERR_PFO_00134	There are no registered cards for this Player.
ERR_PFO_00135	The Operator is not setup to process a Refund or a Reversal.
ERR_PFO_00136	The userName does not match the parent transaction.
ERR_PFO_00137	Refund not processed, please update the card expiry date.
ERR_PFO_00138	Invalid stTransactionNo.
ERR_PFO_00139	Exceeded Refund time period.
ERR_PFO_00140	Parent transaction has not settled.
ERR_PFO_00141	Refund amount cannot be greater than deposit amount.
ERR_PFO_00142	No userName required.
ERR_PFO_00143	Reversal already exists for stReferenceNo.
ERR_PFO_00144	Reversal amount is not equal to the deposit amount.
ERR_PFO_00145	Reversal not processed, invalid parent transaction status.
ERR_PFO_00146	The Operator is not setup to manage registered cards.
ERR_PFO_00163	Invalid transactionType.

Return Code	Return Message
ERR_PFO_00164	stReferenceNo does not exist in the system.
ERR_PFO_00165	Unable to update transaction, invalid parent transaction status.
ERR_PFO_00167	parent transaction has not settled.
ERR_PFO_00168	System Error- Unable to fetch 3D Secure status. Please contact SecureTrading Inc. Support.
ERR_PFO_00169	System Error- Unable to save 3D Secure details. Please contact SecureTrading Inc. Support.
ERR_PFO_00170	System Error- Unable to fetch 3D secure request. Please contact SecureTrading Inc. Support.
ERR_PFO_00171	Invalid md.
ERR_PFO_00172	3D Secure - Unable to find first request in DB.
ERR_PFO_00173	3D Secure authentication failure.
ERR_PFO_00174	System Error- Unable to perform 3-D Secure authentication, please contact SecureTrading Inc. Support.
ERR_PFO_00175	System Error - 3D Secure Check. Please contact SecureTrading Inc. Support.
ERR_PFO_00176	Invalid amount.
ERR_PFO_00177	Card is not registered for the Player.
ERR_PFO_00180	Acquirer Details not available to process the request.
ERR_PFO_00186	Invalid accountType.
ERR_PFO_00192	Invalid paRes.
ERR_PFO_00193	Invalid depositSTTransactionNo.
ERR_PFO_00194	Invalid threeDFlag.
ERR_PFO_00195	System Error - Unable to fetch accountType. Please contact SecureTrading Inc. Support.
ERR_PFO_00196	Invalid accountType, please provide the valid accountType.
ERR_PFO_00197	Player detail could not be fetched for the given stTransactionNo, operatorId and sitId.
ERR_PFO_00198	Transaction is not a Deposit for the given stTransactionNo.
ERR_PFO_00199	Invalid orderReference.
ERR_PFO_00200	Inactive operator.
ERR_PFO_00201	Invalid startDate.
ERR_PFO_00202	Invalid expiryDate.
ERR_PFO_00203	currency does not match with parent transaction.
ERR_PFO_00204	accountType does not match with parent transaction.
ERR_PFO_00205	No Card Type Found.
ERR_PFO_00206	Player Detail not Found.
ERR_PFO_00219	Invalid issueNumber.
ERR_PFO_00226	Exceeded transaction update period.
ERR_PFO_00227	Invalid flag.
ERR_PFO_00255	Error in SHA-256 Digital Signature Algorithm.
ERR_PFO_00256	Invalid cardDetails.
ERR_PFO_00257	Inactive card.
ERR_PFO_00258	Multiple stTransactionNo exists for orderReference. Please provide the stTransactionNo.
ERR_PFO_00259	Invalid depositDetails
ERR_PFO_00260	invalid exclusionDetails
ERR_PFO_00261	Invalid atmVerify
ERR_PFO_00262	Invalid HashTimeStamp
ERR_PFO_00263	Deposit Signature is Empty
ERR_PFO_00264	Deposit Signature should not contain any value
ERR_PFO_00265	HashTimeStamp should not contain any value
ERR_PFO_00266	Amount should not contain any value

## 11 Appendix B

This section explains the Multi-Currency Formats used in the SecureTrading application.

When the Operator passes the amount field to SecureTrading in a JSON Request, the amount will be in base units, with no decimalisation or commas.

- \$10.00 will be represented as "1000".
- \$10 will be represented as "1000".
- \$10.10 will be represented as "1010".
- 100 Yen will be represented as "100".

When the Operator receives the amount field from SecureTrading in a JSON Response, the amount will be in base units, with no decimalisation or commas.

- \$10.00 will be returned as "1000".
- \$10 will be "1000".
- \$10.10 will be passed as "1010".
- 100 Yen will be passed as "100".

The ISO list of currencies and their associated decimal places are:

Country	Currency Code	Currency Name	Decimal Places as per ISO
USA	USD	US Dollars	2
Canada	CAD	Canadian Dollar	2
United Kingdom	GBP	British Pound	2
European Union	EUR	Euro	2
Australia	AUD	Australian Dollar	2
Brazil	BRL	Brazilian Real	2
Switzerland	CHF	Swiss Franc	2
China	CNY	Chinese Yuan	2
Denmark	DKK	Danish Krone	2
Gibraltar	GIP	Gibraltar Pound	2
Hongkong	HKD	Hongkong Dollar	2
India	INR	Indian Rupee	2
Japan	JPY	Japanese Yen	0
Mexico	MXN	Mexican Peso	2
Norway	NOK	Krone	2
New Zealand	NZD	New Zealand Dollar	2
Poland	PLN	Polish Zloty	2
Sweden	SEK	Krona	2
Turkey	TRY	Turkish Lira	2
South Africa	ZAR	South African Rand	2

## 12 Appendix C

This section lists the dialling codes of all the countries around the globe.

Country	Country Code
Afghanistan	93
Albania	355
Algeria	213
American Samoa	1 684
Andorra	376
Angola	244
Anguilla	1 264
Antigua and Barbuda	672
Argentina	54
Armenia	374
Aruba	297
Australia	61
Austria	43
Azerbaijan	994
Bahamas	1 242
Bahrain	973
Bangladesh	880
Barbados	375
Belgium	32
Belize	501
Benin	229
Bermuda	1 441
Bhutan	975
Bolivia	591
Bosnia & Herzegovina	387
Botswana	267
Brazil	55
British Virgin Islands	1 284
Brunei	673
Bulgaria	359
Burkina Faso	226
Burundi	257
Cambodia	855
Cameroon	237
Canada	1
Cape Verde	238
Cayman Islands	1 345
Central African Republic	236
Chad	235
Chile	56
China	86
Christmas Island	61
Colombia	387
Comoros	269
Cook Islands	682
Costa Rica	506
Croatia	385
Cuba	53



Country	Country Code
Cyprus	357
Czech Republic	420
Democratic Republic of the Congo	243
Denmark	45
Djibouti	253
Dominica	1 767
Dominican Republic	1 809
Ecuador	593
Egypt	20
El Salvador	503
Equatorial Guinea	240
Eritrea	291
Estonia	372
Ethiopia	251
Falkland Islands	500
Faroe Islands	298
Fiji	679
Finland	358
France	33
French Polynesia	689
Gabon	241
Gambia	220
Georgia	995
Germany	49
Ghana	233
Gibraltar	350
Greece	30
Greenland	299
Grenada	473
Guam	1 671
Guatemala	502
Guinea	224
Guinea Bissau	245
Guyana	592
Haiti	509
Honduras	504
Hong Kong	852
Hungary	36
Iceland	354
India	91
Indonesia	62
Iran	98
Iraq	964
Ireland	353
Israel	972
Italy	39
Ivory Coast	225
Jamaica	1 876
Japan	81
Jordan	962
Kazakhstan	7

Country	Country Code
Kenya	254
Kiribati	686
Kuwait	965
Kyrgyzstan	996
Laos	856
Latvia	371
Lebanon	961
Lesotho	266
Liberia	231
Libya	218
Liechtenstein	423
Lithuania	370
Luxembourg	352
Macao	853
Macedonia	389
Madagascar	261
Malawi	265
Malaysia	60
Maldives	960
Mali	223
Malta	356
Marshall Islands	692
Mauritania	222
Mauritius	230
Mexico	52
Micronesia	691
Moldova	373
Monaco	377
Mongolia	976
Montserrat	1 664
Morocco	212
Mozambique	258
Myanmar	95
Namibia	264
Nauru	674
Nepal	977
Netherlands	31
Netherlands Antilles	599
New Zealand	64
Nicaragua	505
Niger	227
Nigeria	234
Niue	683
Norfolk Island	672
North Korea	850
Norway	47
Oman	968
Pakistan	92
Palau	680
Panama	507
Papua New Guinea	675
Paraguay	595

Country	Country Code
Peru	51
Philippines	63
Pitcairn Islands	870
Poland	48
Portugal	351
Puerto Rico	1
Qatar	974
Republic of the Congo	242
Romania	40
Russian Federation	7
Rwanda	250
Saint Kitts and Nevis	1 869
Saint Lucia	1 758
Saint Pierre and Miquelon	508
Saint Vincent and the Grenadines	1 784
Samoa	685
San Marino	378
São Tomé and Príncipe	239
Saudi Arabia	966
Senegal	221
Serbia	381
Seychelles	248
Sierra Leone	232
Singapore	65
Slovakia	421
Slovenia	386
Solomon Islands	677
Somalia	252
South Africa	27
South Georgia	995
South Korea	82
Spain	34
Sri Lanka	94
Sudan	249
Suriname	597
Swaziland	268
Sweden	46
Switzerland	41
Syria	963
Taiwan	886
Tajikistan	992
Tanzania	255
Thailand	66
Timor-Leste	670
Togo	228
Tonga	676
Trinidad and Tobago	1 868
Tunisia	216
Turkey	90
Turkmenistan	993
Turks and Caicos Islands	1 649

Country	Country Code
Tuvalu	688
UAE	971
Uganda	256
Ukraine	380
United Kingdom	44
Uruguay	598
US Virgin Islands	1 340
Uzbekistan	998
Vanuatu	678
Vatican City	39
Venezuela	58
Vietnam	84
Wallis and Futuna	681
Yemen	967
Zambia	260
Zimbabwe	248